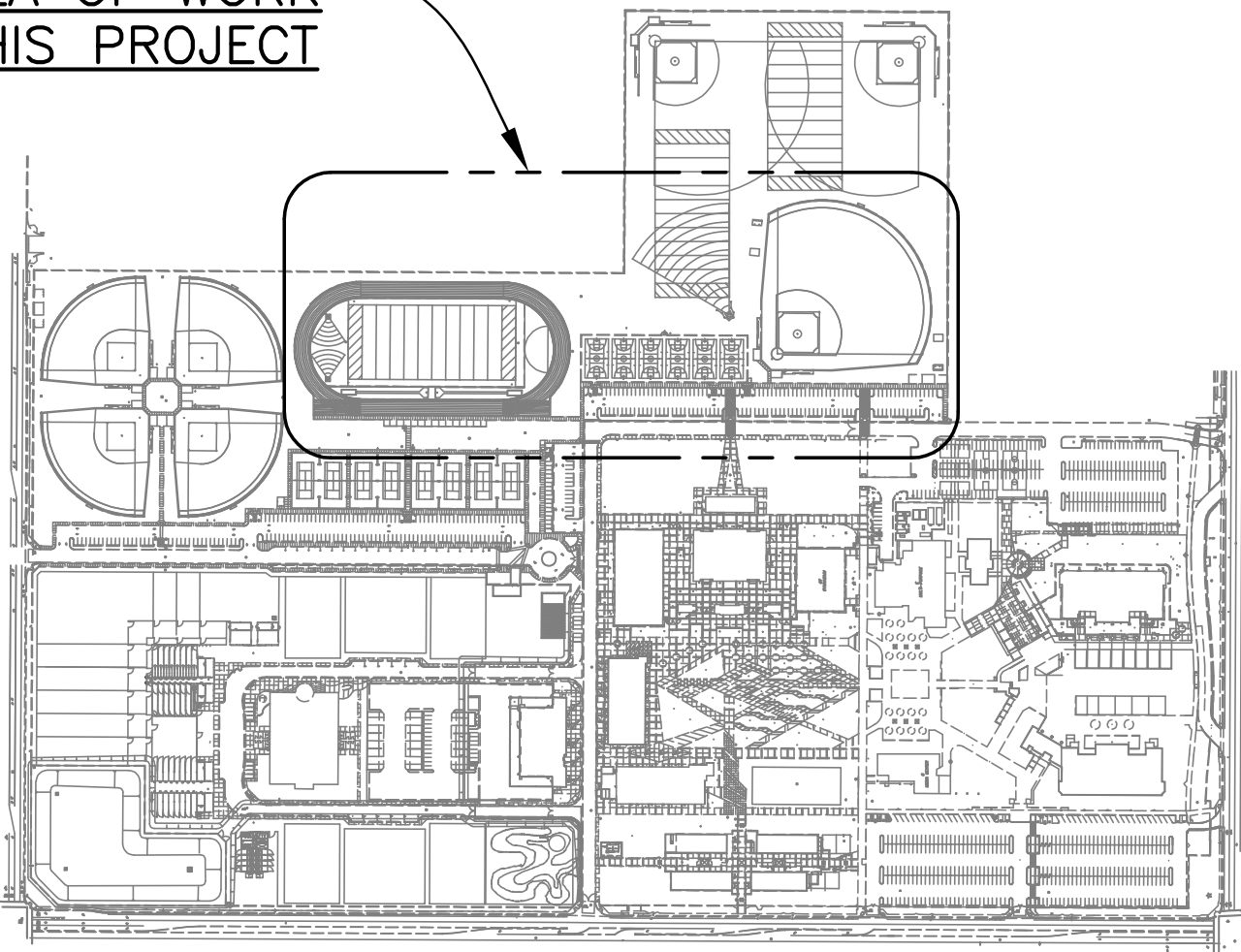


10 VICINITY MAP

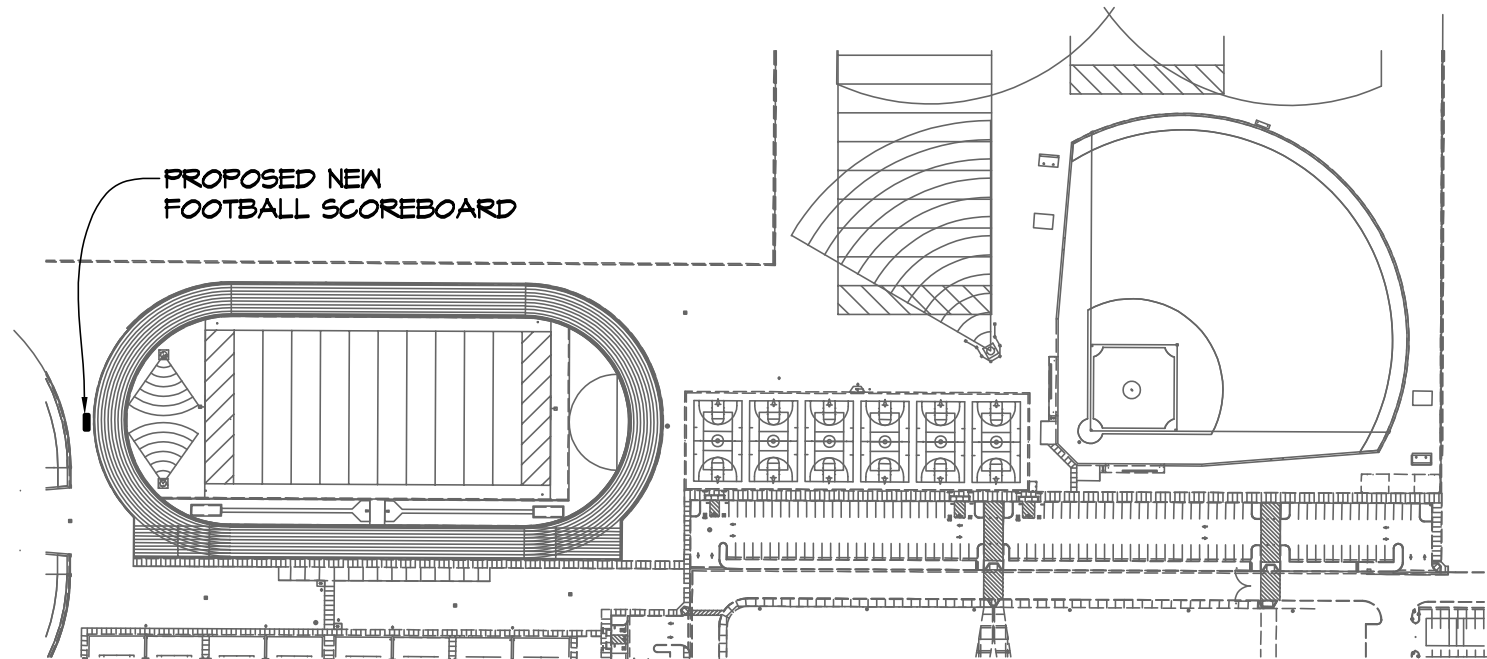
SCALE: N.T.S.

AREA OF WORK THIS PROJECT



11 SITE PLAN

SCALE: N.T.S.



12 AREA OF WORK

ITEMS

SCALE: N.T.S.

Statement of General Conformance FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 02-122411 File No. 20-H3)

- ☒ The drawings or sheets listed on the cover or index sheet
☐ This drawing, page of specifications/calculations
have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:
- Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
 - Coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 [b])

I find that:	<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet <input type="checkbox"/> This drawing or page	<input checked="" type="checkbox"/> is/are in general conformance with the project design intent, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.	<input checked="" type="checkbox"/> is/are in general conformance with the project design intent, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.
Signature	Date	Signature	Date
Architect or Engineer designated to be in general responsible charge		Architect or Engineer delegated responsibility for this portion of the work	
Print Name		Print Name	
License Number	Expiration Date	License Number	Expiration Date

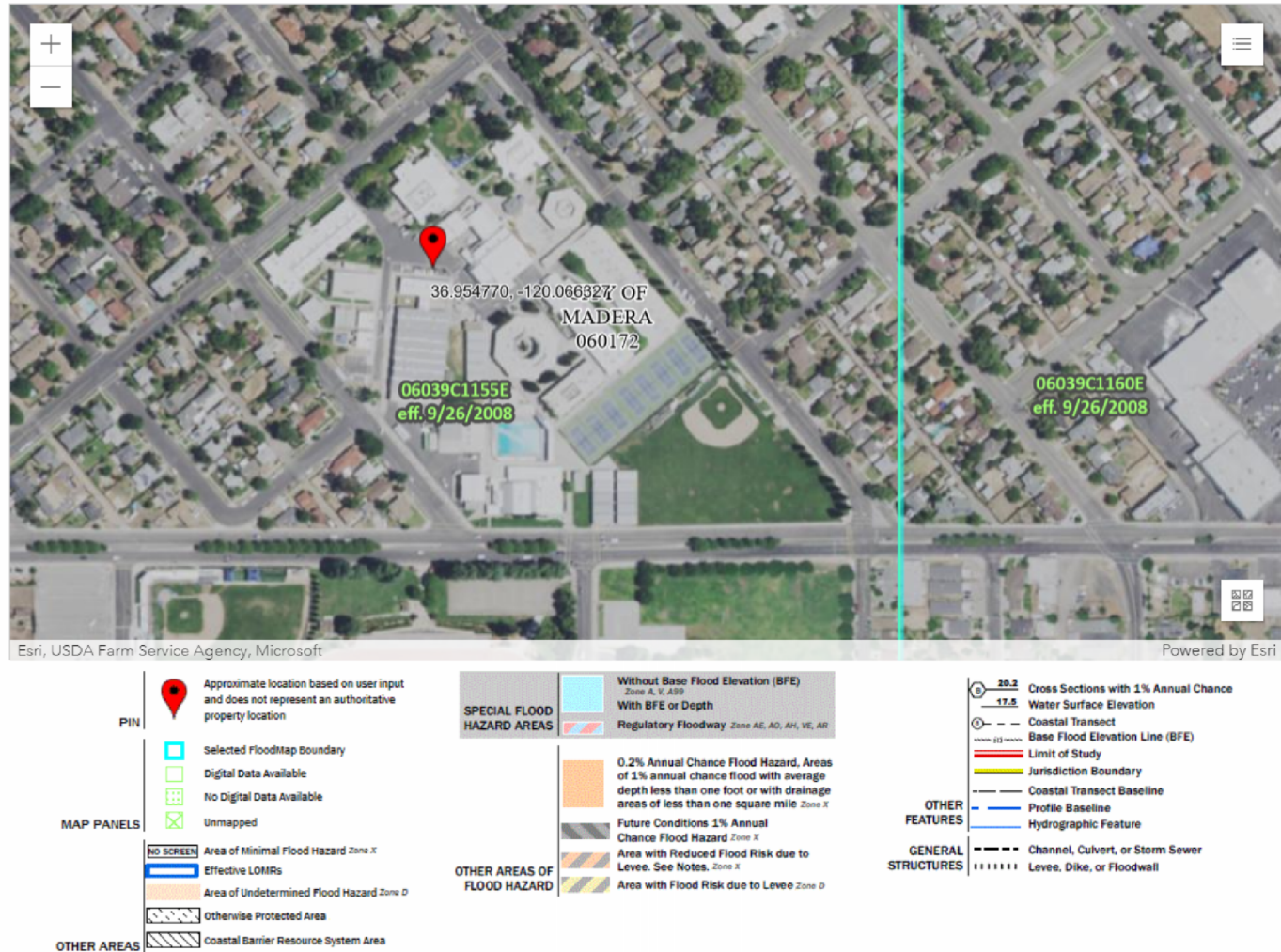
OWNER:	MADERA UNIFIED SCHOOL DISTRICT 1205 S. MADERA AVE. MADERA, CA 93637 T: (559) 675-4548	
STRUCTURAL:	BROOKS RANSOM ASSOCIATES 7415 N. PALM AVE. STE. 100 FRESNO, CA 93711 T: (559) 449-8444 F: (559) 449-8404 CONTACT: ARTURO LOPEZ	
ELECTRICAL:	HARDIN-DAVIDSON ENGINEERING 356 FOLLASKY AVE. STE. 200 CLOVIS, CA 93612 T: (559) 323-4995	

9 CONSULTANTS

SCALE: N.T.S.

FLOOD HAZARD ZONE INFORMATION:

- FLOOD ZONE DESIGNATION: ZONE X - OTHER AREAS OUTSIDE OF THE 0.2% ANNUAL CHANGE FLOODPLAIN
- FIRM PANEL DESIGNATION: MAP# 06031C0185C
- FIRM EFFECTIVE DATE: JUNE 16, 2009
- BASE FLOOD ELEVATION: N/A



10 FLOOD ZONE

SCALE: N.T.S.

PROJECT INFORMATION:

- PROJECT NAME:** MADERA SOUTH HIGH SCHOOL
- LOCATION:** 105 W. PEGAN AVE.
MADERA, CALIFORNIA 93637
- PROJECT DESCRIPTION:** PROVIDE NEW MODEL 8321 LED
OUTDOOR BASEBALL and FOOTBALL SCOREBOARD

SCOPE OF WORK:

- CONSTRUCT SCOREBOARD'S STRUCTURAL SUPPORTS AND FOOTINGS.
- INSTALL OWNER FURNISHED SCOREBOARD.
- MAKE ELECTRICAL POWER CONNECTION FROM EXISTING ELECTRICAL PULL BOX, INCLUDING DISCONNECT.
- PAIN EXPOSED STEEL.

GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE CONSTRUCTIONS DRAWINGS, THE CONTRACT SPECIFICATIONS AND, WHERE APPLICABLE, THE CITY OF MADERA AND THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE SCHOOL DISTRICT'S USE OF THE FACILITIES AND OTHER CONTRACTORS WHO MAY BE DOING CONSTRUCTION WITHIN THE PROJECT SITE.
- THE CONTRACTORS SHALL CONTACT DISTRICT OFFICIALS FOR DETERMINATION OF DEPTH AND LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION IN THE PROJECT SITE.
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES IN THE WORK AREA, NOTIFY U.S.A. AT (800) 642-2444, TWO (2) DAYS PRIOR TO EXCAVATION.
- CONTRACTOR SHALL PROVIDE 6' HIGH TEMPORARY CHAIN LINK FENCE AROUND THE PERIMETER OF THE WORK AREAS EXCEPT WHERE ENCLOSED BY EXISTING FENCING.
- ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE (CBC).
- CHANGE TO THE APPROVED DRAWINGS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- A "DSA CERTIFIED" CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF CHAPTER 33 OF THE 2022 CALIFORNIA BUILDING CODE AND THE APPLICABLE PROVISIONS OF CHAPTER 33 OF THE CALIFORNIA FIRE CODE.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDUM, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION PER DSA IR A-6 AND SECTION 338(C) PART 1, TITLE 24 CCR.

6 GENERAL DESIGN NOTES

SCALE: N.T.S.



MADERA UNIFIED SCHOOL DISTRICT

1205 S. Madera Ave. Madera, California 93637
(559) 675-4548

ENGINEER	IDENTIFICATION #&MP
DIV. OF THE STATE ARCHITECT	APP. 02-122411
REVIEWED FOR	INC.
DATE	02-22-2023
DATE	06/25/2024
REVISIONS	

COVER SHEET
MADERA SOUTH HIGH SCHOOL
FOOTBALL SCOREBOARD
MADERA, CA 93637



BrooksRansom
ASSOCIATES
7415 N. PALM AVE. STE 100 | FRESNO, CA 93711
(559) 449-8444 OFFICE | (559) 449-8404 FAX

PROJECT NUMBER
23313

SHEET NUMBER
C-1

SHEET INDEX:

SHT. NO.	TITLE
GENERAL	
C-1	COVER SHEET
SP-1	STRUCTURAL PARTIAL SITE PLAN
NEVCO DSA P.C. 04-122317	
SBO.1	COVER SHEET
SBO.2	STRUCTURAL NOTES
SBO.3	EXAMPLE DSA-103-TESTING AND INSPECTIONS
SBS.2	THREE COLUMN CAISSON - BOLTED
SBS.1	ATTACHMENT DETAILS
SBS.2	OPTIONAL SCOREBOARD FEATURE ATTACHMENT DETAILS
SBS.3	DECORATIVE ALUMINUM TRUSS ATTACHMENT DETAILS
SBS.4	DECORATIVE ALUMINUM TRUSS ATTACHMENT DETAILS # 10mm VIDEO BOARD
ELECTRICAL	
E1	ELECTRICAL SYMBOLS, NOTES AND DETAILS
E2	ELECTRICAL PARTIAL SITE PLAN

TOTAL SHEET COUNT: 12

3 SHEET INDEX

SCALE: N.T.S.

NOT APPLICABLE

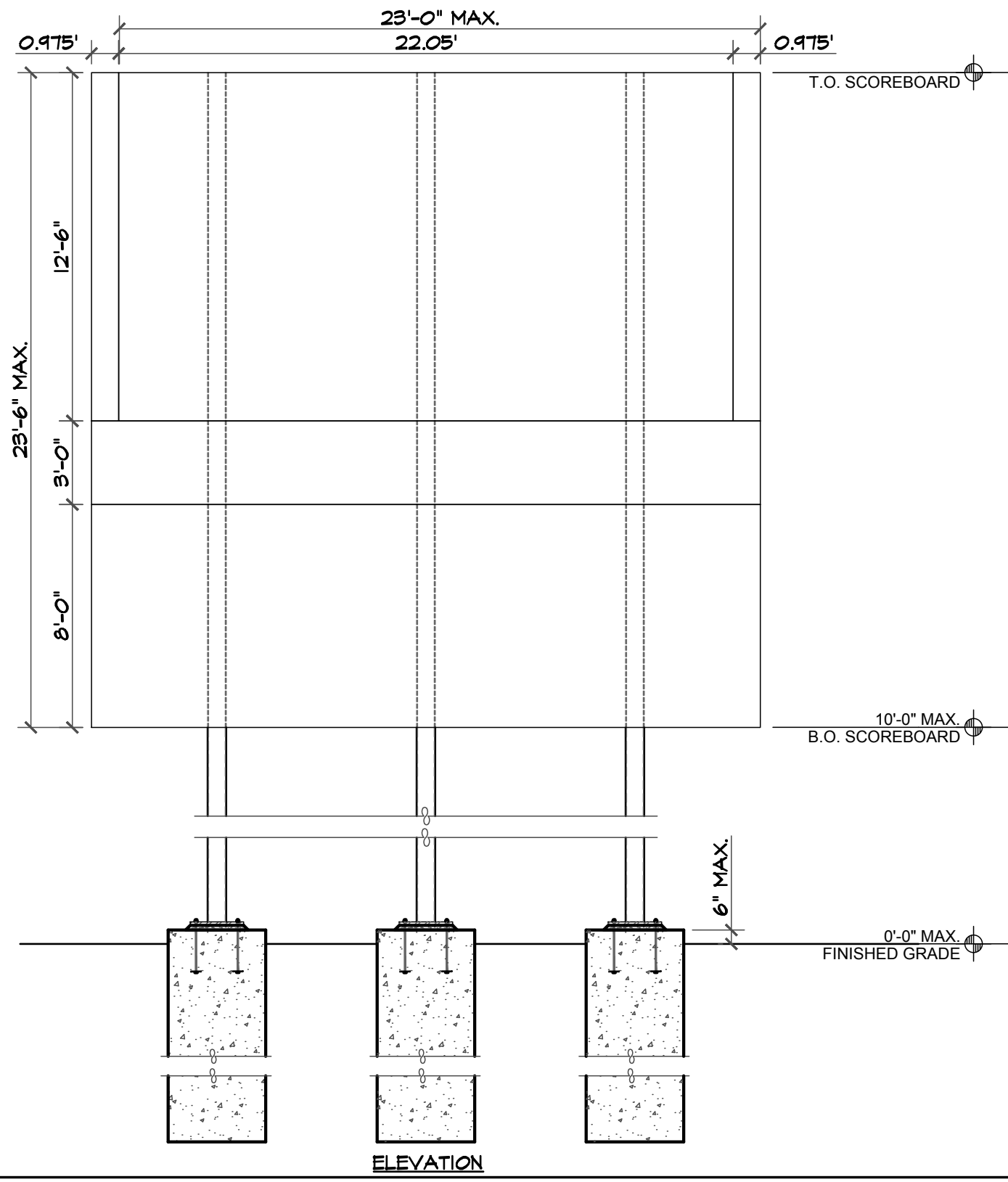
4 DEFERRED SUBMITTAL

SCALE: N.T.S.

APPROVALS:
APPLICATION #
02-122411

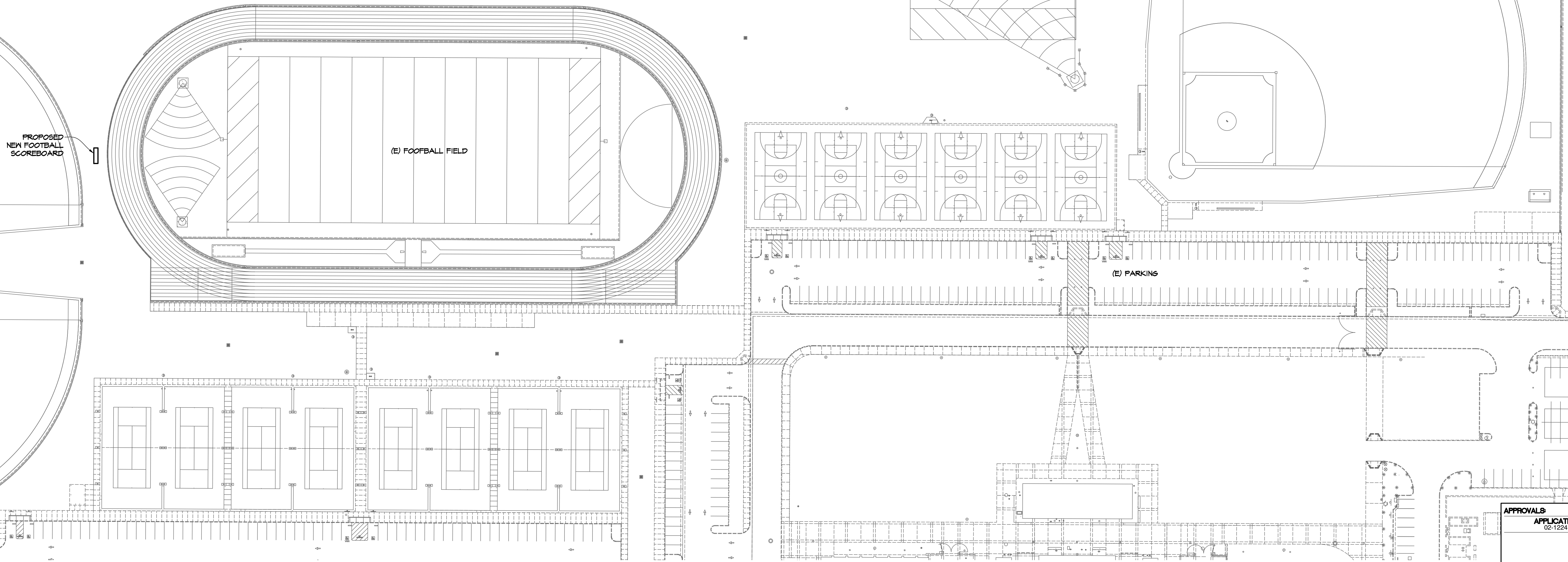
SEE DSA P.C. 04-122317 FOR NEVCO 3605-EC SCOREBOARD

AT BAT		BALL		STRIKE		OUT		H		E				
88		8		2		2		8		8				
-REVO-														
GUESTS		1	2	3	4	5	6	7	8	9	10	RUNS	HITS	PITCHES
HOME		0	0	0	0	0	0	0	0	0	0	06	08	09
		2	3	0	0	0	0	0	0	0	0	00	03	04



10 DETAIL

SCALE: N.T.S.



PARTIAL SITE PLAN

SCALE: 1"= 50'-0"

ENGINEER
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02/22/24
PROJECT NO. 23313
REVIEWED FOR
DATE 06/25/24
DATE 06/25/24
REVISIONS

PARTIAL SITE PLAN
MADERA SOUTH HIGH SCHOOL
FOOTBALL SCOREBOARD
MADERA, CA 93637



BrooksRansom
ASSOCIATES
7415 N. PALM AVE., STE 100 | FRESNO, CA 93711
(559) 449-8444 OFFICE | (559) 449-8404 FAX

APPROVALS:
APPLICATION #
02-122411

PROJECT NUMBER
23313

SHEET NUMBER
SP-1



DSA P.C. 04-122317

HEET **CDO 1**

Design Skin Friction, f_s	100 psf
-----------------------------	---------

1. Verify part number, dimensions, and weight with Nevco
2. See Step 3 of Scoreboard Assembly Worksheet Instructions

STRUCTURAL NOTES

GENERAL NOTES

1.

The following notes, typical details and schedules shall apply to all phases of this project unless otherwise shown or noted.

2.

Specific notes and details shall take precedence over general notes and typical details.

3.

All materials and workmanship shall conform to the minimum standards of the 2022 edition Title 24 of the California Building Code (CBC) and such other regulating agencies exercising authority over any portion of the work. The contractor shall have a current copy of the CBC on the job site.

4.

The "Contract or Construction Documents" shall consist of these notes, details, schedules, plans, and drawings.

5.

All specifications, including but not limited to materials and products, shall be those put forth in the "Contract or Construction Documents". No substitutions shall be permitted to be used or assumed to be used in the bidding or construction process without written approval by the Structural Engineer of Record.

6.

The contractor shall examine the "Contract or Construction Documents" and shall notify the Architect or Structural Engineer of Record of any discrepancies he may find before proceeding with the work.

7.

All information on existing conditions shown on drawings are based on best present knowledge available, but without guarantee of accuracy. The Contractor shall verify and be responsible for all dimensions and conditions at the site and shall notify the Architect or Structural Engineer of Record of any discrepancies between actual site conditions and information shown on or in the "Contract or Construction Documents" before proceeding with work.

8.

The Contractor shall immediately notify the Architect or Structural Engineer of Record of any condition which in his opinion might endanger the stability of the structure or cause distress of the structure.

9.

All work shall conform to the best practice prevailing in the various trades comprising work. The Contractor shall be responsible for coordinating the work of all trades.

10.

These "Contract or Construction Documents" represent the finished structure, and do not indicate the method of construction. The Contractor shall supervise and direct the work and shall be solely responsible for construction means, methods, techniques, sequences and procedures.

11.

Inspection and approval for fabricator's shops used for fabrication of structural load bearing members, components, materials or assemblies shall conform to CBC Section 1704A.2.5.

A.

Labeling (as required or specified) shall be provided in accordance with CBC Section 1703A.5.

B.

Evaluation and follow-up inspection services (as required or specified), shall conform to CBC Section 1703A.6.

12.

The Contractor shall provide temporary bracing and shoring for all structural members as required for structural stability of the structure during all phases of construction.

13.

The Contractor shall take all steps necessary to ensure proper alignment of the structure after the installation of all structural and finish materials. This shall include any necessary preloading of the structure to determine final position of the completed work.

14.

Observation visits to the project site by field representatives of Architect and/or Structural Engineer of Record (support services) shall not include inspections of safety or protective measures, nor construction procedures, techniques or methods. Any support services performed by Architect or Structural Engineer of Record during any phase of construction, shall be distinguished from continuous and detailed inspection services (as required by any regulating governmental agency, e.g. the Authority Having Jurisdiction) provided by others. These support services, whether of material or work, are performed solely for the purpose of assisting in quality control and in achieving conformance with contract documents, but do not guarantee Contractor's performance and shall not be construed as supervision of construction.

15.

These notes, details, drawings and specifications (Contract or Construction Documents) do not carry necessary provisions for construction safety. These documents and all phases of construction hereby contemplated are to be governed, at all times, by applicable provisions of the current California Occupational Safety and Health Act.

16.

Where any conflict occurs between the requirements of federal, state and local laws, codes, ordinances, rules and regulations, the most stringent shall govern.

17.

Written dimensions shall have precedence over scaled dimensions.

18.

Drawings (notes, schedules, details and plans) shall have precedence over Structural Calculations.

19.

In the event that certain features of the construction are not fully shown on the drawings or called for in the General Notes or Specifications, then their construction shall be of the same character as for similar conditions that are shown or called for.

20.

ASTM designation and all standards refer to the latest amendments.

21.

These structural "Contract or Construction Documents" shall not be modified without prior written approval of the Structural Engineer of Record.

22.

Only structural working drawings approved by the Division of the State Architect are permitted to be used for construction on this project. All other drawings or documents are obsolete and are not permitted on the job site, nor shall they be used for any construction purposes. Contractors using unapproved drawings or documents are solely responsible for all work not performed in accordance with the "approved" drawings.

23.

A Division of the State Architect certified project inspector employed by the District (Owner) and approved by the Division of the State Architect shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24 California Code of Regulations.

FOUNDATION NOTES

1.

Basis: See Structural Design Values Chart, Sheet SB0.1 Table B

2.

Unexpected soil conditions: Allowable values and foundation design are based upon the minimum values provided in Table 1806A.2 of the 2022 California Building Code. See SB0.1 for values

3.

Excavate to required depths and dimensions (as indicated in drawings), cut square and smooth with firm level bottoms. Care shall be taken not to over-excavate foundation at lower elevation and prevent disturbing of soils around higher elevation.

4.

Footings shall be poured in neat excavations, without side forms whenever possible.

5.

Carry all foundations to required depths into compacted fill or natural soil (as per Structural Plans and Details).

6.

All foundation excavations shall be inspected and approved by the Inspector of Record or Geotechnical Engineer prior to forming and placement of reinforcing or concrete.

7.

Foundations shall not be poured until all required reinforcing steel, sleeves, inserts, conduits, pipes, etc. and formwork is properly placed and inspected by the Authority having Jurisdiction.

8.

The sides and bottoms of excavations which are to have concrete contact must be moistened several times just prior to pouring upon them.

9.

De-water footings, as required, to maintain dry working conditions.

REINFORCING STEEL

1.

All reinforcing steel shall be deformed intermediate grade bars conforming to ASTM A615, Grade 60 (f_y = 60 ksi) unless noted otherwise.

2.

Reinforcing steel shall not be welded, unless specifically noted otherwise.

3.

To hold reinforcing bars in their true position and prevent displacement, standard tie and anchorage devices must be provided. Placing of reinforcement shall conform to ACI 318-19 Section 26.6.2.

4.

Shop drawings for fabrication of any reinforcing steel shall be approved by Contractor and submitted to Project Specific Architect or Project Specific Structural Engineer of Record, for their review, prior to fabrication.

5.

Refer to typical details for minimum splice length and minimum radius of bend of reinforcing steel.

6.

All reinforcing steel splices shall be staggered 24", unless specifically noted or detailed otherwise.

7.

All reinforcing bar bends shall be made cold.

8.

Fabrication, erection and placement of reinforcing steel shall conform to Concrete Reinforcing Steel Institute of Standard Practice.

9.

Reinforcing steel shall be clean of rust, grease or other material likely to impair bond.

CONCRETE

1.

All concrete shall have a minimum ultimate compressive strength (f_c) as outlined below at 28 days. All concrete shall be regular weight (unless specifically noted otherwise).

A.

Concrete for footings:4,500 psiw/c = 0.45 max.

2.

Maximum Fly Ash content shall be 15% by weight, of total cementitious materials and shall conform to ASTM C618.

3.

All concrete work shall comply with CBC Chapter 19A and ACI 318-19 and latest edition of ACI Manual of Concrete Practice.

4.

Special Inspection (as required or specified) shall conform to CBC Chapter 17A.

5.

Cement shall be portland cement Type V and shall conform to ASTM C150.

6.

Aggregates shall conform to ASTM C33, provide aggregates from a single source.

7.

Water shall conform to ASTM C94 and be potable.

8.

Where not specifically detailed, the minimum concrete cover on reinforcing steel shall be:

A.

Concrete cast against and permanently exposed to earth or weather:3"

10.

All reinforcing steel, anchor bolts, dowels, inserts and any other hardware to be set in concrete shall be well secured in position prior to pouring of concrete.

11.

Vibrate all concrete as it is placed, with a mechanical vibrator operated by experienced personnel. The vibrator shall be used to consolidate the concrete, not transport it. Reinforcing and forms shall not be vibrated.

12.

Formwork design and removal shall conform to ACI 318-19 Section 26.11. Remove forms in accordance with the following minimum schedule:

A.

Side forms of footings:Minimum 48 hours

B.

Column and pier forms:72 hours & 70% of design strength

15.

Concrete shall not free fall more than six feet. Use tremie, pump or other approved methods.

16.

Concrete shall be maintained in a moist condition for a minimum of 5 days after placement.

17.

The Contractor may use concrete admixtures as a construction means and methods to execute "Contract or Construction Documents". Use of admixture is solely the responsibility of the Contractor.

18.

Mix designs shall be prepared by an approved testing laboratory, signed by a licensed engineer and shall be submitted to the Project Specific Design Professional of Record for approval. SSG is not responsible for review or approval of site specific concrete mix design.

19.

Only one grade of concrete shall be allowed on project site at any one time

20.

Concrete strength shall be verified by standard cylinder tests (in accordance with CBC Section 1905A.1.16) made by an approved testing laboratory.

21.

Concrete placed when the air temperature has fallen to, or is expected to fall below 40° shall conform to ACI 318-19 Section 26.5.4, and ACI 306R-16.

22.

Concrete placed during hot weather shall conform to ACI 318-19 Section 26.5.5, and ACI 305R-14.

23.

Conduits and sleeves placed within structural concrete shall not be tied directly to structural reinforcement.

A.

1" concrete cover shall be maintained around all reinforcement.

24.

No stakes shall be permitted within the footing section.

25.

Concrete shall reach minimum 75% design strength or cure for 3 days minimum prior to installation of steel columns and scoreboard components.

DRIILLED CAISSON/PIER AND GRADE BEAM NOTES

1.

Excavations for drilled caissons/pier shall be performed in compliance with local grading codes and ordinances as well as CBC Chapters 18A and 33A.

2.

Provide Special Inspection in accordance with CBC Section 1705A.8 and Table 1705A.8.

3.

Excavations for all drilled caissons/piers shall be approved by the Project Geotechnical Engineer or Project Special Inspector prior to placing of concrete.

4.

Reinforcement for drilled caissons/pier shall be approved by the Structural Engineer of Record prior to placing in caisson/pier excavation.

5.

De-water caisson/pier footings and building excavation as required to maintain dry working conditions.

6.

Caisson/piers are to be poured within 24 hours after completion of drilling operation. Shoring requirements shall be determined by contractor. Contractor shall provide fall protection and safety barriers at and near the drilled hole as required by OSHA and the Authority Having Jurisdiction.

7.

The Contractor shall be responsible for all shoring, bracing, etc. necessary to support cut and/or fill banks, and existing structures during excavation, and the forming and placement of concrete.

8.

Bottom of caissons/piers shall be thoroughly cleaned prior to placement of concrete.

STRUCTURAL STEEL AND WELDING

1.

All structural steel construction shall conform to AISC 360-16 and AISC 341-16.

A.

Fabrication of all structural steel shall be done in the shop of an approved fabricator. Inspection and approval for fabricator's shops used for fabrication of structural load bearing members, components, materials or assemblies shall conform to CBC Section 1704A.2.5.

2.

All structural steel shall conform to the following specifications:

A.

Angles, channels, plates, bars, rounds, and other miscellaneous shapes: Shall conform to ASTM A36 and shall have a minimum yield stress (F_y) of 36 ksi.

B.

Wide-flange shapes: Shall conform to ASTM A992 and shall have a minimum yield stress (F_y) of 50 ksi.

C.

Structural tubes: Shall be ASTM A500, Grade C, and shall have a min. yield stress (F_y) of 50ksi.

3.

All structural-steel fasteners shall conform to the following specifications:

A.

Bolts shall conform to ASTM A307

B.

Anchor Bolts shall conform to ASTM F1554, Grade as noted in drawings

C.

Carbon steel nuts shall conform to ASTM A563

D.

Stainless steel nuts shall conform to ASTM F594

E.

Washers shall conform to ASTM F436

4.

Special Inspection shall be provided for all structural steel and welding, in accordance with CBC Chapter 17A.

5.

All structural steel shall be fabricated, erected and welded in accordance with AISC Specifications for Structural Steel Buildings (AISC 360-16) and Code of Standard Practice for Steel Buildings and Bridges (AISC 303-16).

6.

All welding shall be done by qualified and certified welders.

7.

Shop drawings for the fabrication of any structural steel shall be approved by the Contractor and submitted to Project Specific Architect or Project Specific Structural Engineer of Record for their review, prior to fabrication.

8.

No holes other than those specifically detailed shall be allowed through structural steel members. Burning of holes is not permitted.

9.

All welding shall conform to 'AWS D1.1' specifications for welding. (E-70XX Electrodes).

10.

Where fillet weld size is not indicated, use 'AWS' minimum size based on the thickness of the thinner part being welded, as specified in AISC Specifications for Structural Steel Buildings (AISC 360-10), Section J2.2.

11.

All butt welds to be complete joint penetration, unless specifically noted otherwise.

12.

Welder qualification requirements, welding procedure and welding electrodes for all structural steel (except structural sheet steel, see steel decking) shall conform to CBC Sections 1705A.2.1 and 2204A.1.

13.

Provide 3" minimum concrete cover around all structural steel below grade.

14.

Structural steel embedded into concrete shall be uncoated.

15.

Structural steel shall be hot-dip galvanized (minimum ASTM A123 or A153 Class D) or painted with zinc-rich primer, undercoat, and finish coat; or equivalent paint system.

16.

All exposed steel fasteners, including cast-in-place anchor bolts/rods, shall be stainless steel (Type 304 minimum), hot-dip galvanized (ASTM A153, Class D minimum or ASTM F2329), or protected with corrosion preventive coating that demonstrated no more than 2% of red rust in minimum 1,000 hours of exposure in salt spray test per ASTM B117. Zinc plated fasteners do not comply with this requirement.

ABBREVIATIONS

A.B.

Anchor Bolt

HORIZ.

Horizontal

ABV.

Above

HSS

Hollow Steel Section

ADJ.

Adjacent

HT.

Height

AJI

Division of the State Architect

ICC

International Building Code

ASC

American Institute of Steel Construction

ICC

International Code Council

AOR

Architect of Record

ID

Inside Diameter

APPROX.

Approximately

IN.

Inch, Inches

ASCE

American Society of Civil Engineers

INT.

Interior

ARCH.

Architect, Architecture

ksi

Kips per Square Inch

ASTM

American Society of Testing and Materials

LL

Live Load

ATR

All Thread Rod

MAX.

Maximum

AWS

American Welding Society

MB

Machine Bolt

B.O.

Bottom of _____

MFR

Manufactured, Manufacturer

BOT.

Bottom

MIN.

Minimum

b/t

Between

MPH

Miles per Hour

CAC

California Administrative Code

N/R

Not Required

CBC

California Building Code

N.T.S.

Not to Scale

CIP

Cast-in-place

o.c.

On Center

CJP

Complete Joint Penetration

o/

Over

CL

Centerline

OD

Outside Diameter

CLR

Clear

OD

Outside Diameter

COL

Column

PEN.

Penetration

CONC.

Concrete

PL

Plate

CONJ.

Connection

PL

Partial Joint Penetration

CONST.

Construction

psi

Pounds per Square Inch

CONT.

Continue, Continuous

PSF

Pounds per Square Foot

Ø

Diameter

REBAR

Reinforcing Bar

DBL

Double

REINF.

Reinforcement

DET.

Detail

REQ'D

Required

DL

Dead Load

S.F.

Square Feet

DSA

Division of State Architect

SHT

Sheet

DWGS.

Drawings

SIM.

Similar

EA

Each

SMS

Sheet Metal Screw

E.F.

Each Face

SQ

Square

ELEC.

Electric, Electrical

STAG'D

Staggered

ELEV.

Elevation

STD.

Standard

EMBED.

Embedded, Embedment

STL

Steel

EOB

Engineer of Record

SEOR

Structural Engineer of Record

EQ.

Equal

U.N.O.

Unless Noted Otherwise

EQUIP.

Equipment

VERT.

Vertical

E.S.

Each Side

VIF

Verify in Field

E.W.

Each Way

w/c

Water/Cement Ratio

EXT.

Exterior

WT.

Weight

FAB.

Fabricated

W.T.

Weight

F.DN.

Foundation

W.T.

Weight

F.G.

Finish Grade

W.T.

Weight

F.O.

Face of _____

W.T.

Weight

FRMG.

Framing

W.T.

Weight

FT.

Foot, Feet

W.T.

Weight

FTG.

Footing

W.T.

Weight

GA.

Gauge

W.T.

Weight

GALV.

Galvanized

W.T.

Weight

GEOR.

Geotechnical Engineer of Record

W.T.

Weight

POST INSTALLED ANCHOR & TESTING

1.

All post-installed anchors are to be tension tested with the exception that torque testing is allowed if the anchors are specifically designed as torque controlled

2.

Test quantity of post-installed anchors as noted below:

Application	Quantity
Non-structural (Equipment Anchorage, etc.)	50%
Structural	100%

3.

Apply proof test loads to anchors without removing the nut if possible. If not, remove nut and install a threaded coupler to the same tightness of the original nut using a torque wrench and apply load.

4.

All tests shall be performed in the presence of the inspector.

5.

Reaction loads from test fixtures may be applied close to the anchor being tested, provided the anchor is not restrained from withdrawing or restricted from a concrete shear cone type failure mechanism.

6.

Test equipment is to be calibrated by an approved testing laboratory in accordance with standard recognized procedures.

7.

The following criteria apply for the acceptance of installed anchors:

A.

Hydraulic ram method: anchors tested with a hydraulic jack or spring loaded devices shall maintain the test load for a minimum of 15 seconds and shall exhibit no discernable movement during the tension test, e.g. as evidenced by loosening of the washer under the nut.

B.

Torque wrench method: anchors tested with a calibrated torque wrench must attain the manufacturer recommended torque within ½ turn of the nut.

Exceptions:

•

Wedge or sleeve type: one-quarter turn of the nut from 3/8" sleeve anchor only.

•

Threaded type: one-quarter turn of the screw after initial seating of the screw head.

8.

If any anchor fails testing, test all anchors of the same type not previously tested until twenty consecutive anchors pass, then resume the initial test frequency. If the anchors are used for the support and bracing of non-structural components (pipe, duct or conduit), the twenty shall be only those anchors installed by the same trade.

9.

Test loads per ICC ESR, IAPMO, OR UES report

10.

When installing drilled-in anchors and/or powder driven pins in existing non-prestressed reinforced concrete, use care and caution to avoid cutting or damaging the existing reinforcing bars. When installing them into existing prestressed concrete (pre- or post-tensioned) locate the prestressed tendons by using a non-destructive method prior to installation. Exercise extreme care and caution to avoid cutting or damaging the tendons during installation. Maintain a minimum clearance of one inch between the reinforcement and the drilled-in anchor and/or pin.

ANCHOR TORQUE TEST VALUES

Anchor Diameter	CONCRETE		MASONRY	
	HILTI KB TZ 2	SIMPSON STRONG BOLT Z	HILTI KB TZ 2	SIMPSON STRONG BOLT Z
	ESR-4266	ESR-3037	ESR-4561	ER-240
3/8"	30 ft-lb	30 ft-lb	15 ft-lb	20 ft-lb
1/2"	50 ft-lb	60 ft-lb	25 ft-lb	35 ft-lb
5/8"	40 ft-lb	90 ft-lb	30 ft-lb	55 ft-lb
3/4"	110 ft-lb	150 ft-lb	50 ft-lb	100 ft-lb

If the manufacturer's recommended installation torque is less than the test torque noted in the table, the manufacturer's recommended installation torque should be used in lieu of the tabulated values.

See manufacturer's ESR report for Maximum Impact Wrench Torque Rating.

APPLICATION# 02-122411

IDENTIFICATION STAMP

APP. 02-122411 INC.

REVIEWED FOR

SS ☒ FLS ☐ ACS ☐

DATE: 06/25/2024

SSG

structural engineers

REGISTERED PROFESSIONAL ENGINEER

STATE OF CALIFORNIA

08.09.2023

THESE DRAWINGS, NOTES AND DETAILS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF SSG STRUCTURAL ENGINEERS, LLP. ALL DRAWINGS, INFORMATION, SPECIFICATIONS, REAS, REVISIONS AND AMENDMENTS REPRESENTED WITHIN THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF THE ENGINEER. NO PART THEREOF SHALL BE COPIED, REPRODUCED OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2023. THANK YOU FOR YOUR INTEREST IN NEVCO SCOREBOARD PRODUCTS

nevco

301 East Harris Avenue, Greenville, Illinois 62246
Phone: (618) 664-4980
www.nevco.com

APPROVED

DIV. OF THE STATE ARCHITECT

APP: 04-122377 PC

REVIEWED FOR

SS ☒ FLS ☐ ACS ☐ CG ☐

DATE: 09/20/2023

PRE-CHECK (PC) DOCUMENT

CODE: 2022

A separate project application for construction is required.

REGISTERED PROFESSIONAL ENGINEER

STATE OF CALIFORNIA

08.09.2023

SHEET INFORMATION

DATE

08.09.2023

DRAWN

JMK

CHECKED

MEP

SSG JOB #

S23109

SHEET

SB0.2

~~EXAMPLE DSA 103 - TESTING AND INSPECTIONS~~

DSEA 103-22 LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS: 2022 CBC		
Project Name:	School Name:	School District:
Project Address:	Project Location:	Project Location:
DSEA Project Number:	Increment Number:	Date Created: 02/18/2023
2022 CBC		
<p>IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural and special inspections noted on this form are those that will be performed by the County of San Diego Regional Laboratory of Structural Engineering, Inc. (RLE). The complete test and inspection program must be confirmed as detailed on the DSEA approved documents and depends at the bottom of this form identifies work NOT subject to DSEA. The project engineer or structural testing, not the project engineer is responsible for providing information of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high load steel connections, cold formed steel framing, anchorage of rebar, etc. See Title 24, Part 2, Chapter 24.02 (2022 CBC).</p>		
<p>*NOTE: Underlined section and table references found in this document are from the Code of Ordinances or California Building Code.</p>		
KEY TO COLUMNS		
1. TYPE	2. PERFORMED BY	
Continuous - Indicates that a continuous special inspection is required	<p>Structural Engineering - Indicates that the special inspection shall be performed by a registered generative engineer or his or her authorized representative.</p> <p>LAB or AIAI - Indicates that the special inspection shall be performed by a Licensed Architectural or Industrial Architect or by a Licensed Architectural or Industrial Engineer and an Approved ISEA (Firm) - Indicates that the special inspection shall be performed by an architect.</p> <p>FL/Project Inspector - Indicates that the special inspection may be performed for an architect.</p> <p>Special Inspection - Indicates that the special inspection shall be performed by an appropriately qualified person approved by the project engineer.</p>	
Periodic - Indicates that a periodic special inspection is required		
Test - Indicates that a test is required		
<p>DIVISION OF THE STATE ARCHITECTS</p> <p>DEPARTMENT OF GENERAL SERVICES</p> <p>STATE OF CALIFORNIA</p>		

[illegible]

QSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (MASONRY), 2022 CBC				
Division: LA TWP 052-16, Tables 3 and 4 Project Number: QA 123-456 SQA File #:		School Name: Nexus Scoreboards PC Increment Number: School District: Nexus Scoreboards PC Date Created: 2022-05-23 08:35:56 SQA File #:		
Test or Special Inspection	Type	Performed By	Code References and Notes	
52 Is Test post-installed anchors	Test	LOR	1702A.4, 1710A.3, See Appendix (end of this form) for exemptions.	
MA OTHER MASONRY:				
Test or Special Inspection	Type	Performed By	Code References and Notes	
3 A. _____				

[illegible]

USA 103-22 LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SIGNATURE), 2022 CBC			
Application Number: 161223	School Name: Kane-Soundview FC	School District: Hewitt-Soundview FC	
DSA File Number:	Increment Number:	Date Created: 2023-10-18 18:05:36	
Name of Architect or Engineer General responsible charge			
Name of Structural Engineer (When structural engineer has been delegated)			
Signature of Architect or Structural Engineer			
Notes: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends applying the secured electronic or digital signatures.			
			<div style="border: 1px solid black; padding: 5px; text-align: center;"> DSA STAMP </div>

[illegible][illegible][illegible]

DSA 103-22 LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC					
Division: 05 Title: 170A-2.1, ASCE 35-16, ASCE 34-14, ASCE 358-16, ASCE 360-18, ASCE 318B-20, ASCE 310A-10, AWS D1.1, AWS D1.3, AWS D1.4, AWS D1.5 Specification Number: School Name: Nevada State Board of Education Inspection Number: _____ Date Created: 2023-05-10 10:03:39 AM Date Revised: _____					
Test or Special Inspection	Type	Performed By	Code References and Notes		
<input checked="" type="checkbox"/> A. Storage rack and equipment installation.	Periodic	SI	ASCE 308/16(1) Section 7.3.2; Table 170SA.13.7		
<input checked="" type="checkbox"/> B. Completed storage racks require inspection to indicate compliance with the approved construction documents.	Periodic	SI*	Table 170SA.13.7.* May be performed by project inspector when specifically approved by CSA.		
SA11 - Other Steel					
Test or Special Inspection	Type	Performed By	Code References and Notes		
<input checked="" type="checkbox"/> A.					

DSA 103-22: LIST OF REQUIRED VERIFIED REPORTS, CBC 2022	
Inspection Number: 000-000-17	School Name: Newcomb-Sandberg PC Inspection Number: 2022-01-21 000-000-17
<p>1. Structural Training and Inspection Laboratory Verified Report Form DSA 291</p> <p>2. Post-Installed Anchorage Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292</p> <p>3. In-Place Welding Inspection Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292</p> <p>4. Field Welding Inspection Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292</p>	

ASA 103-22 LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOLIS), 2022 CBC 1705A.705.1. Table 1705A.705.1			
Test / Special Inspection Go to 1705.705.1.1 Go to 1705.705.1.2	School Name News Schools/PC Incident Number	School Director News Schools/PC Date Contacted Go to 1705.705.1.3	
Test or Special Inspection <input type="checkbox"/> a. Impact driving on concrete to maintain capacity and achieve design strength. <input type="checkbox"/> b. Verify locations of girders and beams, confirm type and of and measure, recording location of beams per Foundation, determine if beams are in tension design, determine if beams are in compression design, determine if beams are in tension design and determine if beams are in compression design. <input type="checkbox"/> c. Concrete piles and concrete fill piles.	Type Continuous Continuous Continuous	Performed By GE* GE* GE*	By Code Reference and Note By geological engineer or his or her qualified representative By geological engineer or his or her qualified representative. By geological engineer or his or her qualified representative.
<input type="checkbox"/> d. Shear walls and foundations. <input type="checkbox"/> e. Foundation and walls. <input type="checkbox"/> f. Foundation and walls. <input type="checkbox"/> g. Foundation and walls. <input type="checkbox"/> h. Foundation and walls. <input type="checkbox"/> i. Foundation and walls. <input type="checkbox"/> j. Foundation and walls. <input type="checkbox"/> k. Foundation and walls. <input type="checkbox"/> l. Foundation and walls. <input type="checkbox"/> m. Foundation and walls. <input type="checkbox"/> n. Foundation and walls. <input type="checkbox"/> o. Foundation and walls. <input type="checkbox"/> p. Foundation and walls. <input type="checkbox"/> q. Foundation and walls. <input type="checkbox"/> r. Foundation and walls. <input type="checkbox"/> s. Foundation and walls. <input type="checkbox"/> t. Foundation and walls. <input type="checkbox"/> u. Foundation and walls. <input type="checkbox"/> v. Foundation and walls. <input type="checkbox"/> w. Foundation and walls. <input type="checkbox"/> x. Foundation and walls. <input type="checkbox"/> y. Foundation and walls. <input type="checkbox"/> z. Foundation and walls. <input type="checkbox"/> aa. Foundation and walls. <input type="checkbox"/> ab. Foundation and walls. <input type="checkbox"/> ac. Foundation and walls. <input type="checkbox"/> ad. Foundation and walls. <input type="checkbox"/> ae. Foundation and walls. <input type="checkbox"/> af. Foundation and walls. <input type="checkbox"/> ag. Foundation and walls. <input type="checkbox"/> ah. Foundation and walls. <input type="checkbox"/> ai. Foundation and walls. <input type="checkbox"/> aj. Foundation and walls. <input type="checkbox"/> ak. Foundation and walls. <input type="checkbox"/> al. Foundation and walls. <input type="checkbox"/> am. Foundation and walls. <input type="checkbox"/> an. Foundation and walls. <input type="checkbox"/> ao. Foundation and walls. <input type="checkbox"/> ap. Foundation and walls. <input type="checkbox"/> aq. Foundation and walls. <input type="checkbox"/> ar. Foundation and walls. <input type="checkbox"/> as. Foundation and walls. <input type="checkbox"/> at. Foundation and walls. <input type="checkbox"/> au. Foundation and walls. <input type="checkbox"/> av. Foundation and walls. <input type="checkbox"/> aw. Foundation and walls. <input type="checkbox"/> ax. Foundation and walls. <input type="checkbox"/> ay. Foundation and walls. <input type="checkbox"/> az. Foundation and walls. <input type="checkbox"/> ba. Foundation and walls. <input type="checkbox"/> bb. Foundation and walls. <input type="checkbox"/> bc. Foundation and walls. <input type="checkbox"/> bd. Foundation and walls. <input type="checkbox"/> be. Foundation and walls. <input type="checkbox"/> bf. Foundation and walls. <input type="checkbox"/> bg. Foundation and walls. <input type="checkbox"/> bh. Foundation and walls. <input type="checkbox"/> bi. Foundation and walls. <input type="checkbox"/> bj. Foundation and walls. <input type="checkbox"/> bk. Foundation and walls. <input type="checkbox"/> bl. Foundation and walls. <input type="checkbox"/> bm. Foundation and walls. <input type="checkbox"/> bn. Foundation and walls. <input type="checkbox"/> bo. Foundation and walls. <input type="checkbox"/> bp. Foundation and walls. <input type="checkbox"/> bq. Foundation and walls. <input type="checkbox"/> br. Foundation and walls. <input type="checkbox"/> bs. Foundation and walls. <input type="checkbox"/> bt. Foundation and walls. <input type="checkbox"/> bu. Foundation and walls. <input type="checkbox"/> bv. Foundation and walls. <input type="checkbox"/> bw. Foundation and walls. <input type="checkbox"/> bx. Foundation and walls. <input type="checkbox"/> by. Foundation and walls. <input type="checkbox"/> bz. Foundation and walls. <input type="checkbox"/> ca. Foundation and walls. <input type="checkbox"/> cb. Foundation and walls. <input type="checkbox"/> cc. Foundation and walls. <input type="checkbox"/> cd. Foundation and walls. <input type="checkbox"/> ce. Foundation and walls. <input type="checkbox"/> cf. Foundation and walls. <input type="checkbox"/> cg. Foundation and walls. <input type="checkbox"/> ch. Foundation and walls. <input type="checkbox"/> ci. Foundation and walls. <input type="checkbox"/> cj. Foundation and walls. <input type="checkbox"/> ck. Foundation and walls. <input type="checkbox"/> cl. Foundation and walls. <input type="checkbox"/> cm. Foundation and walls. <input type="checkbox"/> cn. Foundation and walls. <input type="checkbox"/> co. Foundation and walls. <input type="checkbox"/> cp. Foundation and walls. <input type="checkbox"/> cq. Foundation and walls. <input type="checkbox"/> cr. Foundation and walls. <input type="checkbox"/> cs. Foundation and walls. <input type="checkbox"/> ct. Foundation and walls. <input type="checkbox"/> cu. Foundation and walls. <input type="checkbox"/> cv. Foundation and walls. <input type="checkbox"/> cw. Foundation and walls. <input type="checkbox"/> cx. Foundation and walls. <input type="checkbox"/> cy. Foundation and walls. <input type="checkbox"/> cz. Foundation and walls. <input type="checkbox"/> da. Foundation and walls. <input type="checkbox"/> db. Foundation and walls. <input type="checkbox"/> dc. Foundation and walls. <input type="checkbox"/> dd. Foundation and walls. <input type="checkbox"/> de. Foundation and walls. <input type="checkbox"/> df. Foundation and walls. <input type="checkbox"/> dg. Foundation and walls. <input type="checkbox"/> dh. Foundation and walls. <input type="checkbox"/> di. Foundation and walls. <input type="checkbox"/> dj. Foundation and walls. <input type="checkbox"/> dk. Foundation and walls. <input type="checkbox"/> dl. Foundation and walls. <input type="checkbox"/> dm. Foundation and walls. <input type="checkbox"/> dn. Foundation and walls. <input type="checkbox"/> do. Foundation and walls. <input type="checkbox"/> dp. Foundation and walls. <input type="checkbox"/> dq. Foundation and walls. <input type="checkbox"/> dr. Foundation and walls. <input type="checkbox"/> ds. Foundation and walls. <input type="checkbox"/> dt. Foundation and walls. <input type="checkbox"/> du. Foundation and walls. <input type="checkbox"/> dv. Foundation and walls. <input type="checkbox"/> dw. Foundation and walls. <input type="checkbox"/> dx. Foundation and walls. <input type="checkbox"/> dy. Foundation and walls. <input type="checkbox"/> dz. Foundation and walls. <input type="checkbox"/> ea. Foundation and walls. <input type="checkbox"/> eb. Foundation and walls. <input type="checkbox"/> ec. Foundation and walls. <input type="checkbox"/> ed. Foundation and walls. <input type="checkbox"/> ee. Foundation and walls. <input type="checkbox"/> ef. Foundation and walls. <input type="checkbox"/> eg. Foundation and walls. <input type="checkbox"/> eh. Foundation and walls. <input type="checkbox"/> ei. Foundation and walls. <input type="checkbox"/> ej. Foundation and walls. <input type="checkbox"/> ek. Foundation and walls. <input type="checkbox"/> el. Foundation and walls. <input type="checkbox"/> em. Foundation and walls. <input type="checkbox"/> en. Foundation and walls. <input type="checkbox"/> eo. Foundation and walls. <input type="checkbox"/> ep. Foundation and walls. <input type="checkbox"/> eq. Foundation and walls. <input type="checkbox"/> er. Foundation and walls. <input type="checkbox"/> es. Foundation and walls. <input type="checkbox"/> et. Foundation and walls. <input type="checkbox"/> eu. Foundation and walls. <input type="checkbox"/> ev. Foundation and walls. <input type="checkbox"/> ew. Foundation and walls. <input type="checkbox"/> ex. Foundation and walls. <input type="checkbox"/> ey. Foundation and walls. <input type="checkbox"/> ez. Foundation and walls. <input type="checkbox"/> fa. Foundation and walls. <input type="checkbox"/> fb. Foundation and walls. <input type="checkbox"/> fc. Foundation and walls. <input type="checkbox"/> fd. Foundation and walls. <input type="checkbox"/> fe. Foundation and walls. <input type="checkbox"/> ff. Foundation and walls. <input type="checkbox"/> fg. Foundation and walls. <input type="checkbox"/> fh. Foundation and walls. <input type="checkbox"/> fi. Foundation and walls. <input type="checkbox"/> fj. Foundation and walls. <input type="checkbox"/> fk. Foundation and walls. <input type="checkbox"/> fl. Foundation and walls. <input type="checkbox"/> fm. Foundation and walls. <input type="checkbox"/> fn. Foundation and walls. <input type="checkbox"/> fo. Foundation and walls. <input type="checkbox"/> fp. Foundation and walls. <input type="checkbox"/> fq. Foundation and walls. <input type="checkbox"/> fr. Foundation and walls. <input type="checkbox"/> fs. Foundation and walls. <input type="checkbox"/> ft. Foundation and walls. <input type="checkbox"/> fu. Foundation and walls. <input type="checkbox"/> fv. Foundation and walls. <input type="checkbox"/> fw. Foundation and walls. <input type="checkbox"/> fx. Foundation and walls. <input type="checkbox"/> fy. Foundation and walls. <input type="checkbox"/> fz. Foundation and walls. <input type="checkbox"/> ga. Foundation and walls. <input type="checkbox"/> gb. Foundation and walls. <input type="checkbox"/> gc. Foundation and walls. <input type="checkbox"/> gd. Foundation and walls. <input type="checkbox"/> ge. Foundation and walls. <input type="checkbox"/> gf. Foundation and walls. <input type="checkbox"/> gg. Foundation and walls. <input type="checkbox"/> gh. Foundation and walls. <input type="checkbox"/> gi. Foundation and walls. <input type="checkbox"/> gj. Foundation and walls. <input type="checkbox"/> gk. Foundation and walls. <input type="checkbox"/> gl. Foundation and walls. <input type="checkbox"/> gm. Foundation and walls. <input type="checkbox"/> gn. Foundation and walls. <input type="checkbox"/> go. Foundation and walls. <input type="checkbox"/> gp. Foundation and walls. <input type="checkbox"/> gq. Foundation and walls. <input type="checkbox"/> gr. Foundation and walls. <input type="checkbox"/> gs. Foundation and walls. <input type="checkbox"/> gt. Foundation and walls. <input type="checkbox"/> gu. Foundation and walls. <input type="checkbox"/> gv. Foundation and walls. <input type="checkbox"/> gw. Foundation and walls. <input type="checkbox"/> gx. Foundation and walls. <input type="checkbox"/> gy. Foundation and walls. <input type="checkbox"/> gz. Foundation and walls. <input type="checkbox"/> ha. Foundation and walls. <input type="checkbox"/> hb. Foundation and walls. <input type="checkbox"/> hc. Foundation and walls. <input type="checkbox"/> hd. Foundation and walls. <input type="checkbox"/> he. Foundation and walls. <input type="checkbox"/> hf. Foundation and walls. <input type="checkbox"/> hg. Foundation and walls. <input type="checkbox"/> hh. Foundation and walls. <input type="checkbox"/> hi. Foundation and walls. <input type="checkbox"/> hj. Foundation and walls. <input type="checkbox"/> hk. Foundation and walls. <input type="checkbox"/> hl. Foundation and walls. <input type="checkbox"/> hm. Foundation and walls. <input type="checkbox"/> hn. Foundation and walls. <input type="checkbox"/> ho. Foundation and walls. <input type="checkbox"/> hp. Foundation and walls. <input type="checkbox"/> hq. Foundation and walls. <input type="checkbox"/> hr. Foundation and walls. <input type="checkbox"/> hs. Foundation and walls. <input type="checkbox"/> ht. Foundation and walls. <input type="checkbox"/> hu. Foundation and walls. <input type="checkbox"/> hv. Foundation and walls. <input type="checkbox"/> hw. Foundation and walls. <input type="checkbox"/> hx. Foundation and walls. <input type="checkbox"/> hy. Foundation and walls. <input type="checkbox"/> hz. Foundation and walls. <input type="checkbox"/> ia. Foundation and walls. <input type="checkbox"/> ib. Foundation and walls. <input type="checkbox"/> ic. Foundation and walls. <input type="checkbox"/> id. Foundation and walls. <input type="checkbox"/> ie. Foundation and walls. <input type="checkbox"/> if. Foundation and walls. <input type="checkbox"/> ig. Foundation and walls. <input type="checkbox"/> ih. Foundation and walls. <input type="checkbox"/> ii. Foundation and walls. <input type="checkbox"/> ij. Foundation and walls. <input type="checkbox"/> ik. Foundation and walls. <input type="checkbox"/> il. Foundation and walls. <input type="checkbox"/> im. Foundation and walls. <input type="checkbox"/> in. Foundation and walls. <input type="checkbox"/> io. Foundation and walls. <input type="checkbox"/> ip. Foundation and walls. <input type="checkbox"/> iq. Foundation and walls. <input type="checkbox"/> ir. Foundation and walls. <input type="checkbox"/> is. Foundation and walls. <input type="checkbox"/> it. Foundation and walls. <input type="checkbox"/> iu. Foundation and walls. 			

[illegible][illegible][illegible][illegible]

ASA 103-22- LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (MASONRY), 2022 CBC							
TMS-625, TMS 602-16, Tables 1 and 4							
Inspection Number 604-4-1-1		School Name Newco Secondary PC		School District Newco Secondary PC Code Reference 2025-2026 School Decemember			
Test or Special Inspection	Type	Performed By	Code Reference and Notes				
1. Verify type, grade, condition of environment, connections, and mortar beds. Verify condition of location of structural members.	Periodic	SI	TMS 602-16-Table 1 Items 1 & 3c.				
2. Inspect placement of reinforcement and rebar conditions.	Continuous	SI	TMS 602-16-Table 4 Item 2a.				
3. Placement, consolidation, and rebar bonding and placement.	Continuous	SI	TMS 602-16-Table 4 Item 4b.				
4. Inspect placement of masonry units and construction of mortar joints.	Periodic	SI	TMS 602-16-Table 4 Item 4b.				
5. Verify proper construction and protection of masonry walls and weather (temperature below 40° F) or hot weather (temperature above 90° F) or hot weather (temperature above 90° F).	Periodic	SI*	TMS 602-16-Table 4 Item 4b. *May be performed by the project engineer when specifically approved by CSA				
6. Verify proper construction and protection of masonry walls and weather (temperature below 40° F) or hot weather (temperature above 90° F) or hot weather (temperature above 90° F).	Continuous	SI	TMS 602-16-Table 4 Item 4b.				
7. Inspect proper construction, including mortar proportions, joint placement of work.	Continuous	SI	TMS 602-16-Table 4 Item 2a.				
8. Welding of reinforcing steel.	TMS 602-16-Table 4 Item 3b. Provide special inspection per ASTM, Category 5A/6B and (or) ASTM/AS 910/100.						

[illegible][illegible][illegible][illegible][illegible][illegible]

NOTE: THE DSA 103 SHOWN INCLUDES MINIMUM SPECIAL INSPECTION REQUIREMENTS AND IS PROVIDED AS EXAMPLE. ADDITIONAL TESTING AND INSPECTIONS MAY BE REQUIRED BEYOND THE SCOPE OF THE SCOREBOARD. A FINAL DSA 103 FORM SHALL BE SUBMITTED BY THE DESIGN PROFESSIONAL OF RECORD AS PART OF THE SITE SPECIFIC SUBMITTAL REQUIREMENTS. THE DESIGN PROFESSIONAL OF RECORD IS RESPONSIBLE FOR REVIEWING PROJECT SPECIFIC SPECIAL INSPECTION REPORTS. SSG STRUCTURAL ENGINEERS OR NEVCO ARE NOT RESPONSIBLE FOR PROVIDING THE PROJECT DSA 103 OR REVIEWING SPECIAL INSPECTION REPORTS.

DSA 103 CAN BE FOUND AT: <https://forms.dgs.ca.gov/content/forms/at/dgs/dsa/form-103/public/dsa-form-103-22.html>

APPLICATION#
02-122411

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-122411 INC.
REVIEWED FOR
DATE: 06/25/2024

SS ☒ FLS ☒ ACS ☐

SSG
structural engineers

ARCHITECT PROFESSIONAL ENGINEER
MICHELLE B. PARKER
No. 5405
STRUCTURAL
STATE OF CALIFORNIA
DATE RECD
08.09.2023

PC SECOR SEAL

THIS DRAWING, NOTES AND DETAILS ARE INSTRUMENTS OF SERVICE A
PROPERTY OF THE FIRM. IT IS TO BE USED ONLY FOR THE PROJECT AND
OPERATIONS, ISSUES, DESIGN AND ARRANGEMENTS REPRESENTED BY
THIS DOCUMENT SHALL REMAIN THE PROPERTY OF THE FIRM. ANY OTHER
COPIES, REPRODUCTIONS OR USES IN CONNECTION WITH ANY WORK
OTHER THAN THE SPECIFIC PROJECT FOR WHICH IT WAS DESIGNED, PREPARED
WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE FIRM'S COPYRIGHT
FIRM. THANK YOU FOR YOUR PREFERENCE TO SELECT OUR FIRM'S PROJECTS

NEVCO

301 East Harris Avenue, Greenville, Illinois 62246
Phone: (618) 664-0380
www.nevco.com

PRE-CHECK (PC) DOCUMENT
CODE: 2022

A separate project application
for construction is required.

A circular professional engineer seal for Raymond R. Ringer, No. 52386, State of California. The seal features the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF CALIFORNIA" around the bottom. The center contains the name "RAYMOND R. RINGER", the number "NO. 52386", and the expiration date "EXPIRES 12-31-26". A blue ink signature is written across the seal.

EXAMPLE DSA 103 -
TESTING AND INSPECTION

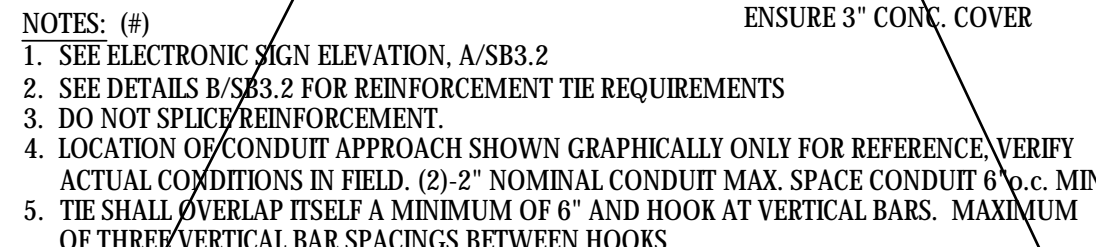
SHEET INFORMATION	
DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSQ JOB #	S23109
SHEET	SP0 2

NOTES:

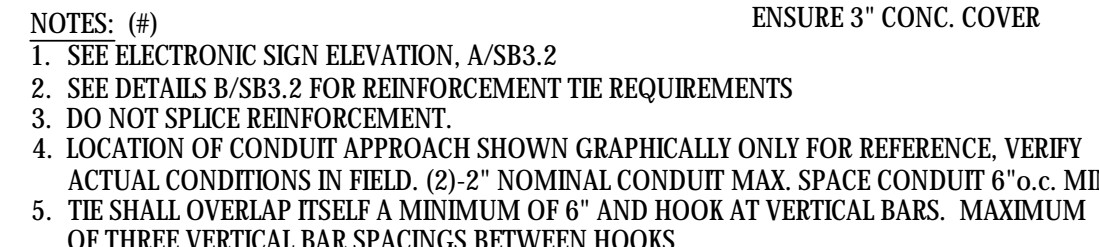
1. CONTRACTOR OPTION TO PROVIDE TIES OR SPIRAL REINFORCING. SEE C/SB.3.2 FOR TIE OPTION, SEE D/SB.3.2 FOR SPIRAL OPTION
2. CONTRACTOR IS RESPONSIBLE FOR CASING PIERS AND DRILLING SEQUENCING TO PROTECT PIER EXCAVATION



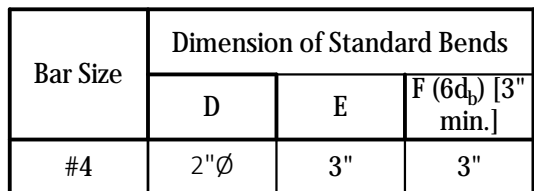
N.3



N.2

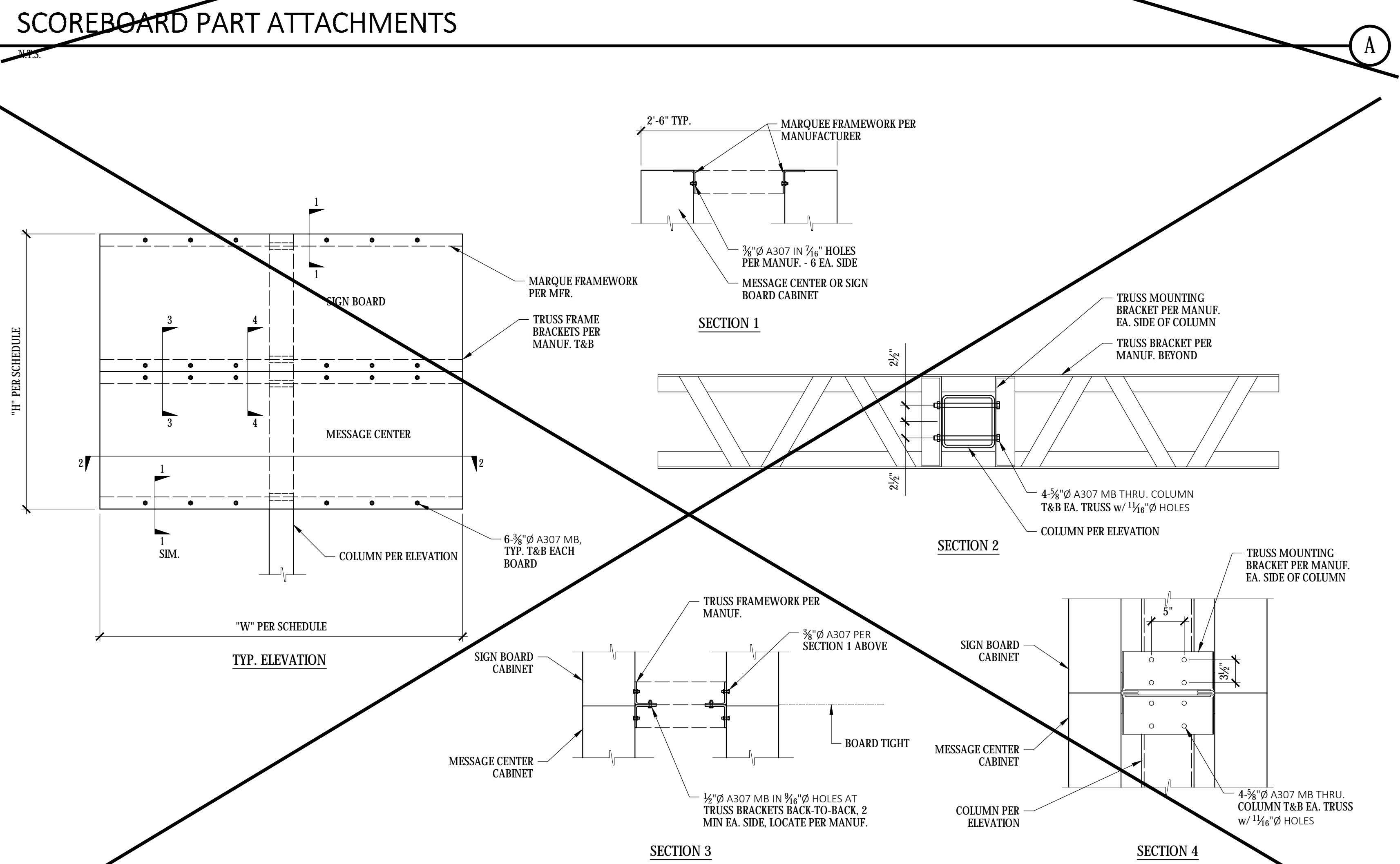
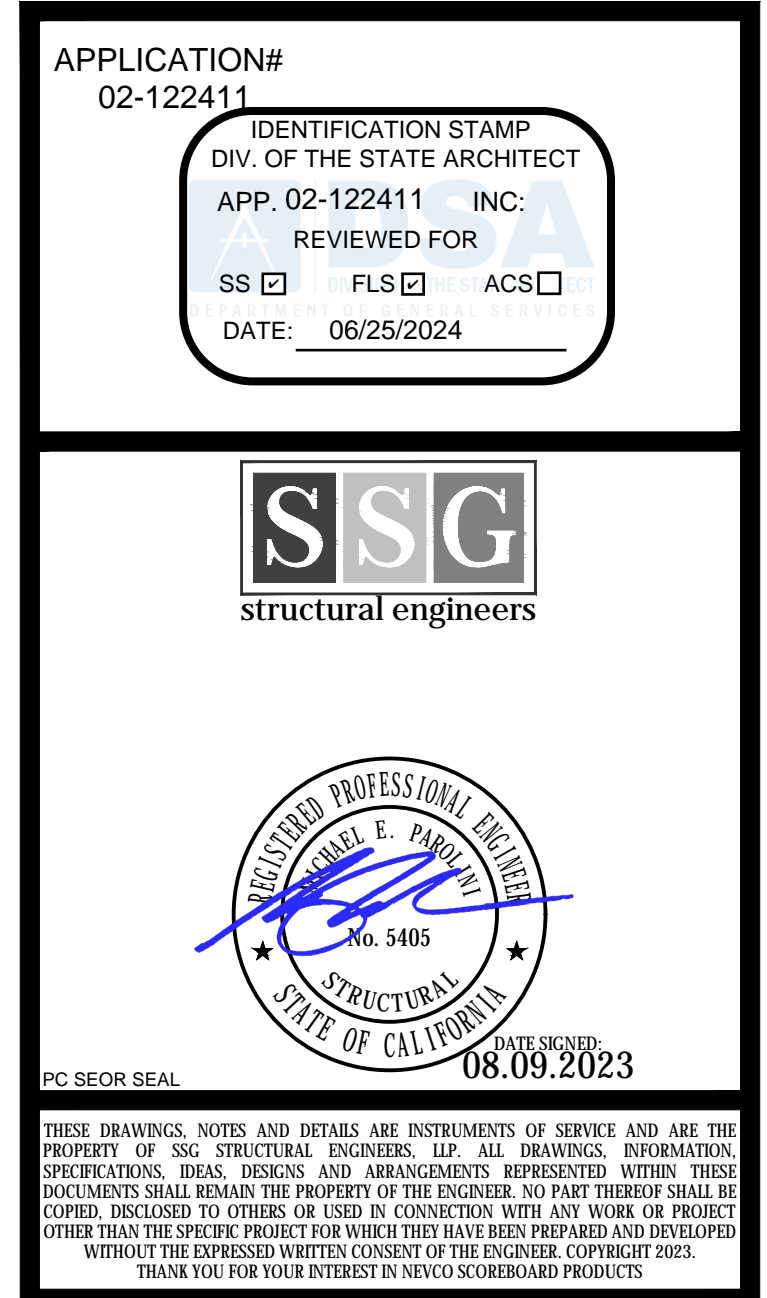


NT



N.T.9

N.T.S.



The drawing consists of three main views: a side elevation, a section view, and a detail view.

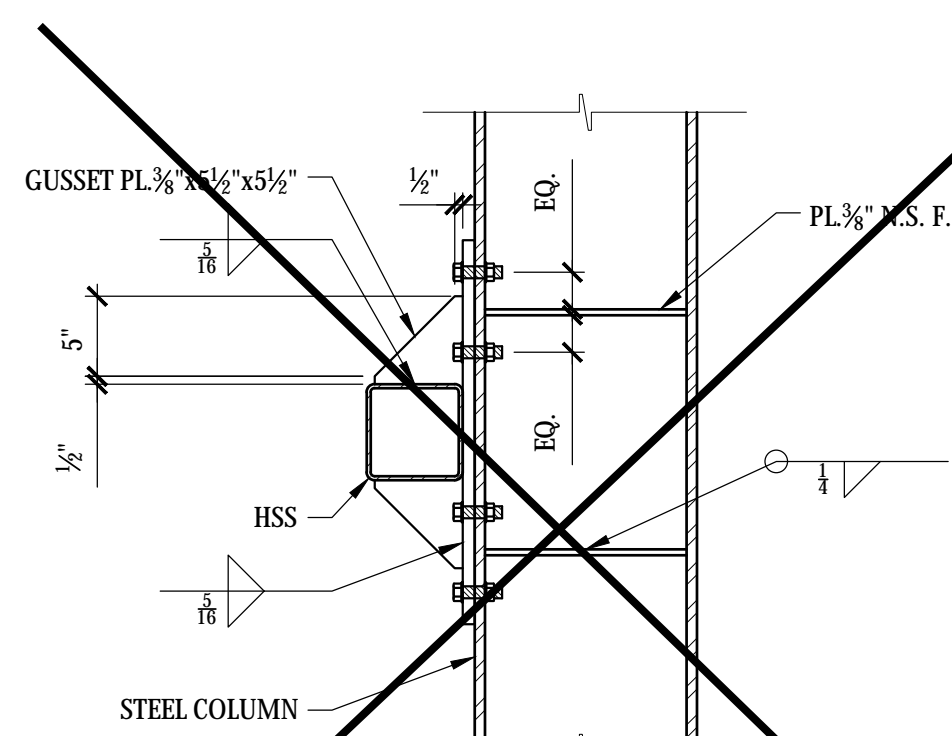
- Side Elevation:** Shows a dome structure supported by a steel column. The dome has a "4'-0" MAX. RADIUS". Bracing includes an "L2x2x1/4 BRACE" and an "HSS5x5x3/8 BETWEEN COLUMNS AT ANGLE BRACE". A note states "LATERAL SHALL BE HIDDEN BEHIND LOWER SIGN AS MUCH AS PRACTICAL". Dimensions include b_1 and b_2 for the column base.
- Section A-A:** A vertical section through the dome and column. It shows the "DOME", "L2x2x1/4 BRACE", "SCOREBOARD", and "STEEL COLUMN BEYOND". A note specifies "WHERE DOME OCCURS AT A COLUMN, EXTEND COLUMN. ADDITIONAL BRACING NOT REQUIRED WHERE COLUMN EXTENDS". Dimensions include t_1 , t_2 , and a height of "2'-0" for the dome section.
- Detail SECTION B-B:** A cross-section of the column base. It shows a "STEEL COLUMN" with a "2 1/2" Ø STD. PIPE" and a "3/8" Ø U-BOLT, TYP. OF 2".

NOTES: (6)
 1. SEE SCOREBOARD ELEVATION AND NOTES

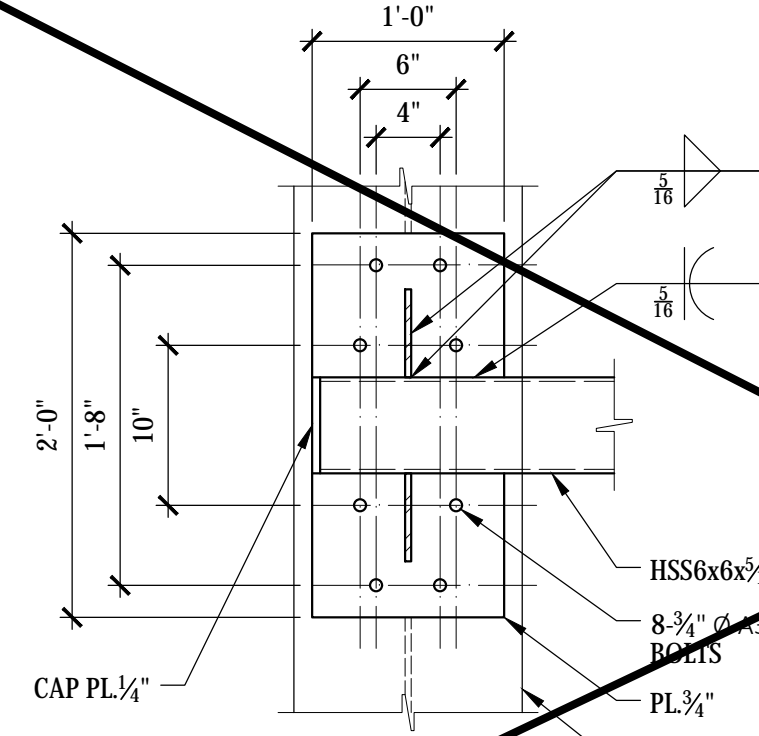
DOME BRACING

N.T.S.

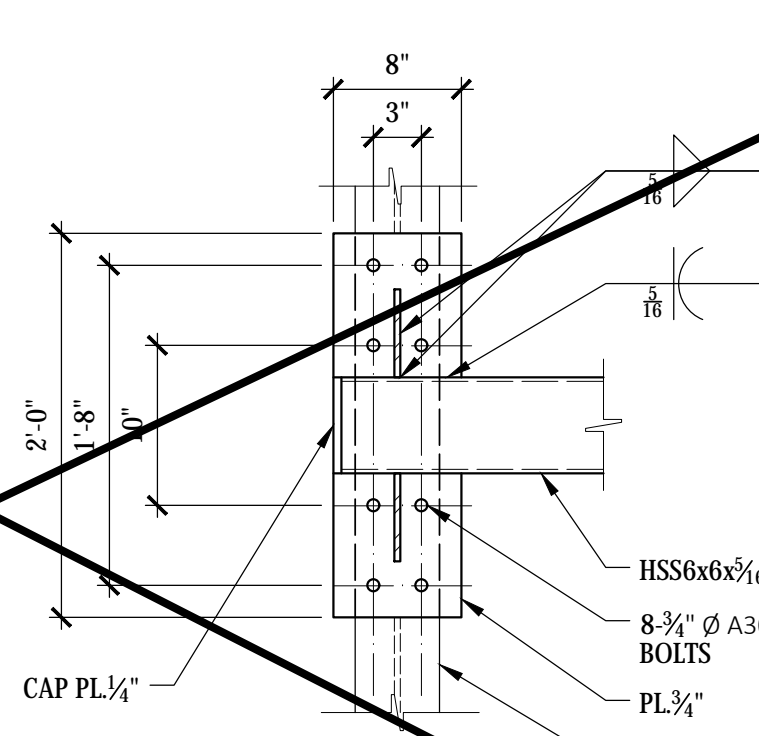




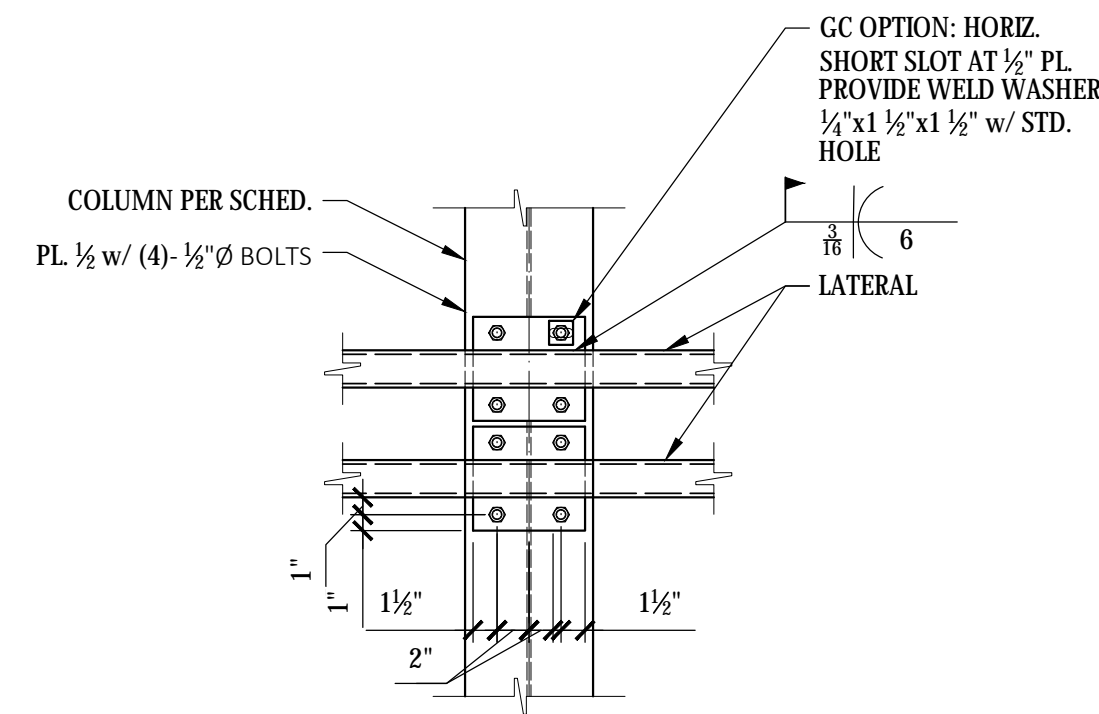
NET MOUNT PLATE



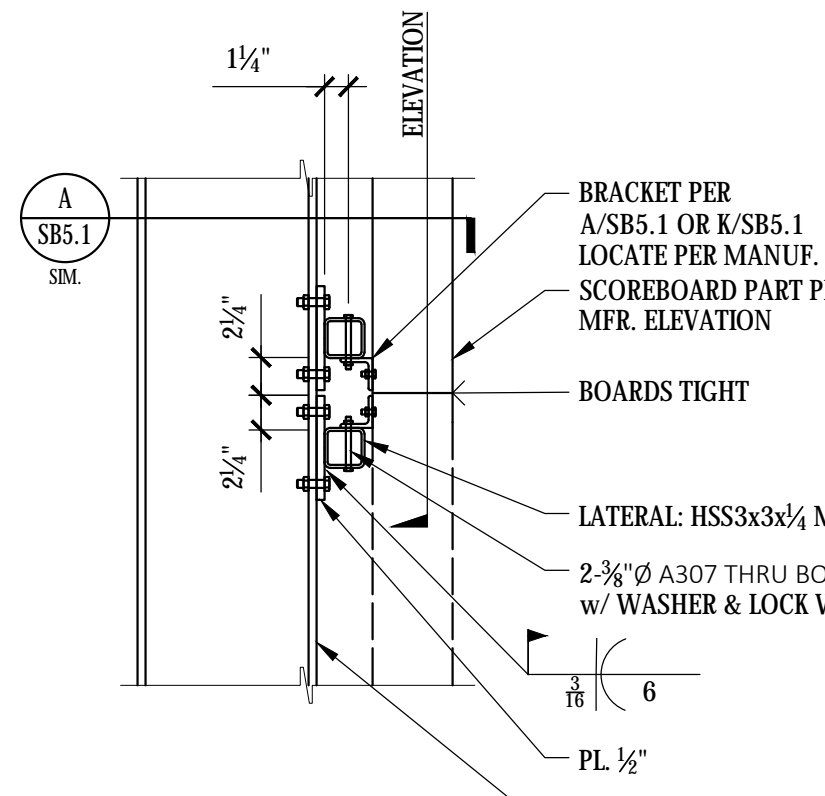
NET MOUNT PLATE



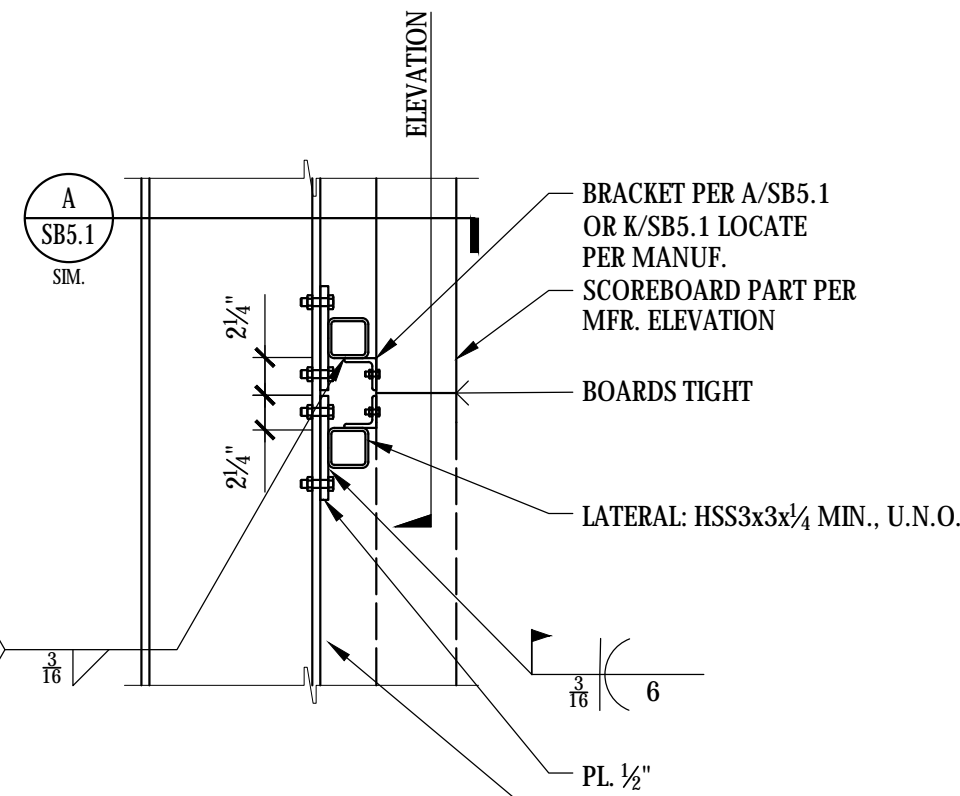
COLUMN WIDTH LESS THAN 9"



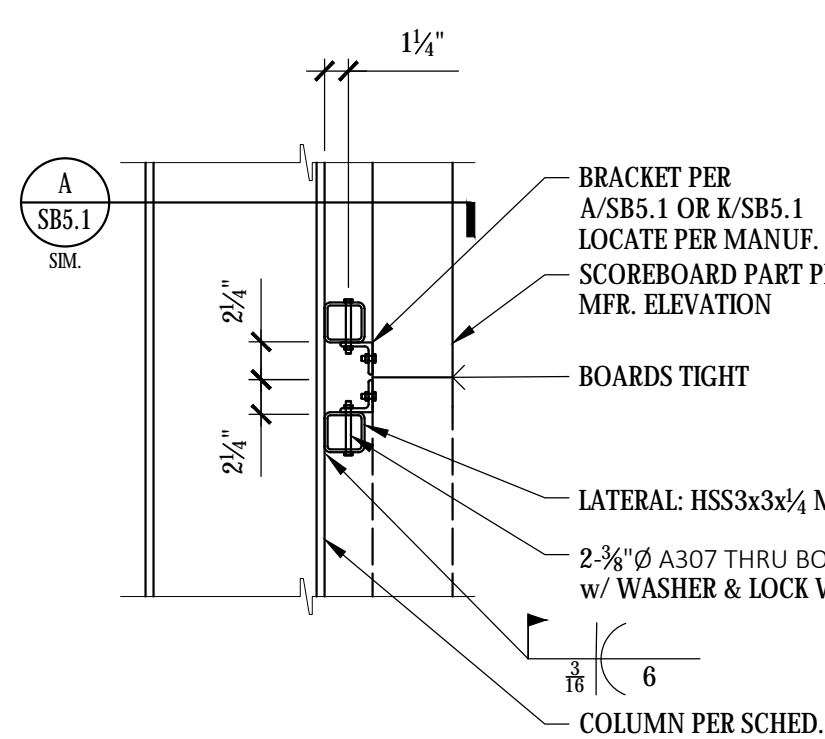
ELEVATION: OPTION C&D-BOLTED LATERAL



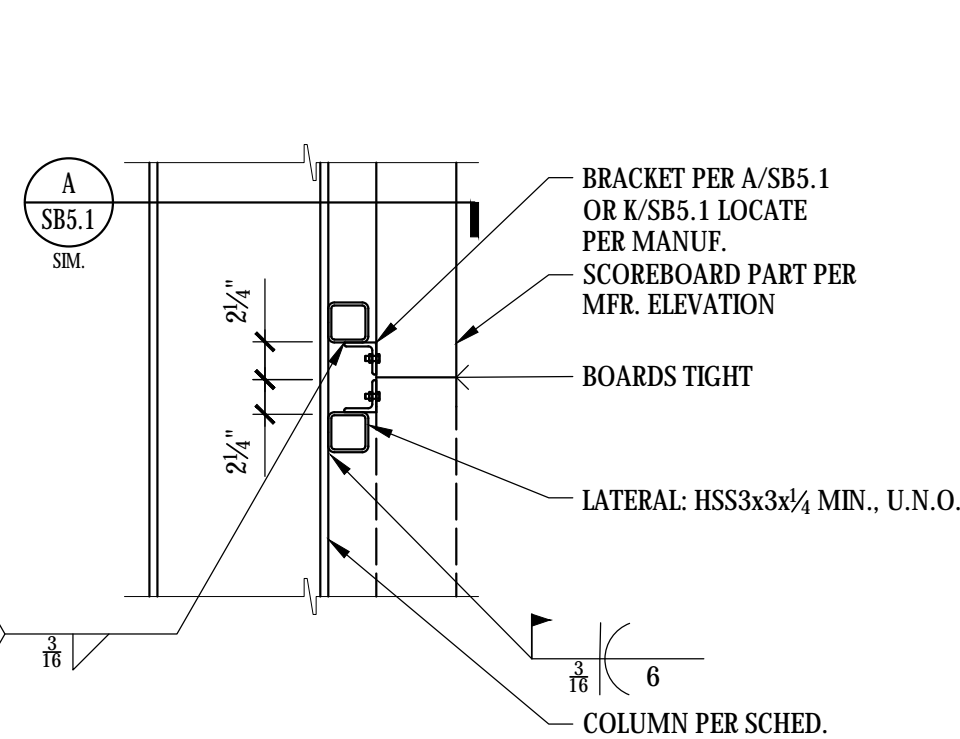
OPTION C: LATERAL BOLTED/CLIP BOLTED



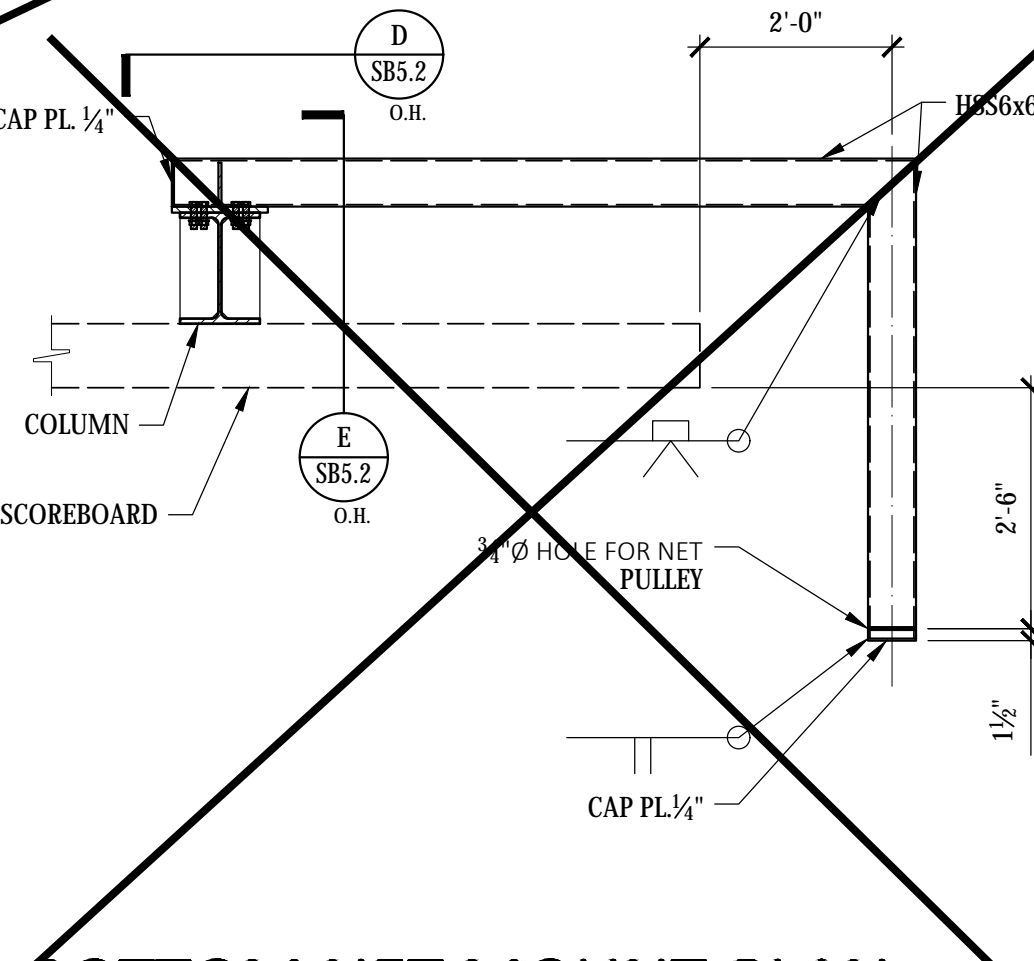
OPTION D: LATERAL BOLTED/CLIP WELDED



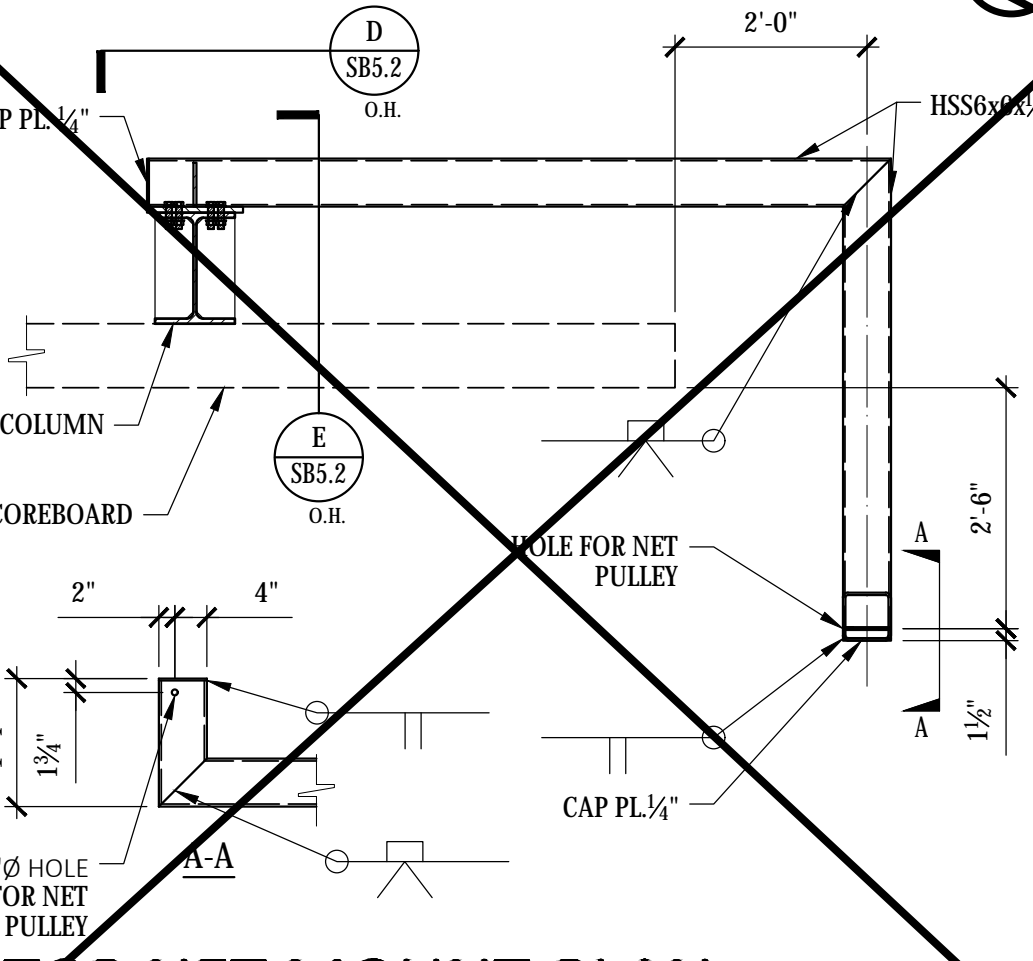
OPTION A: LATERAL WELDED/CLIP BOLTED



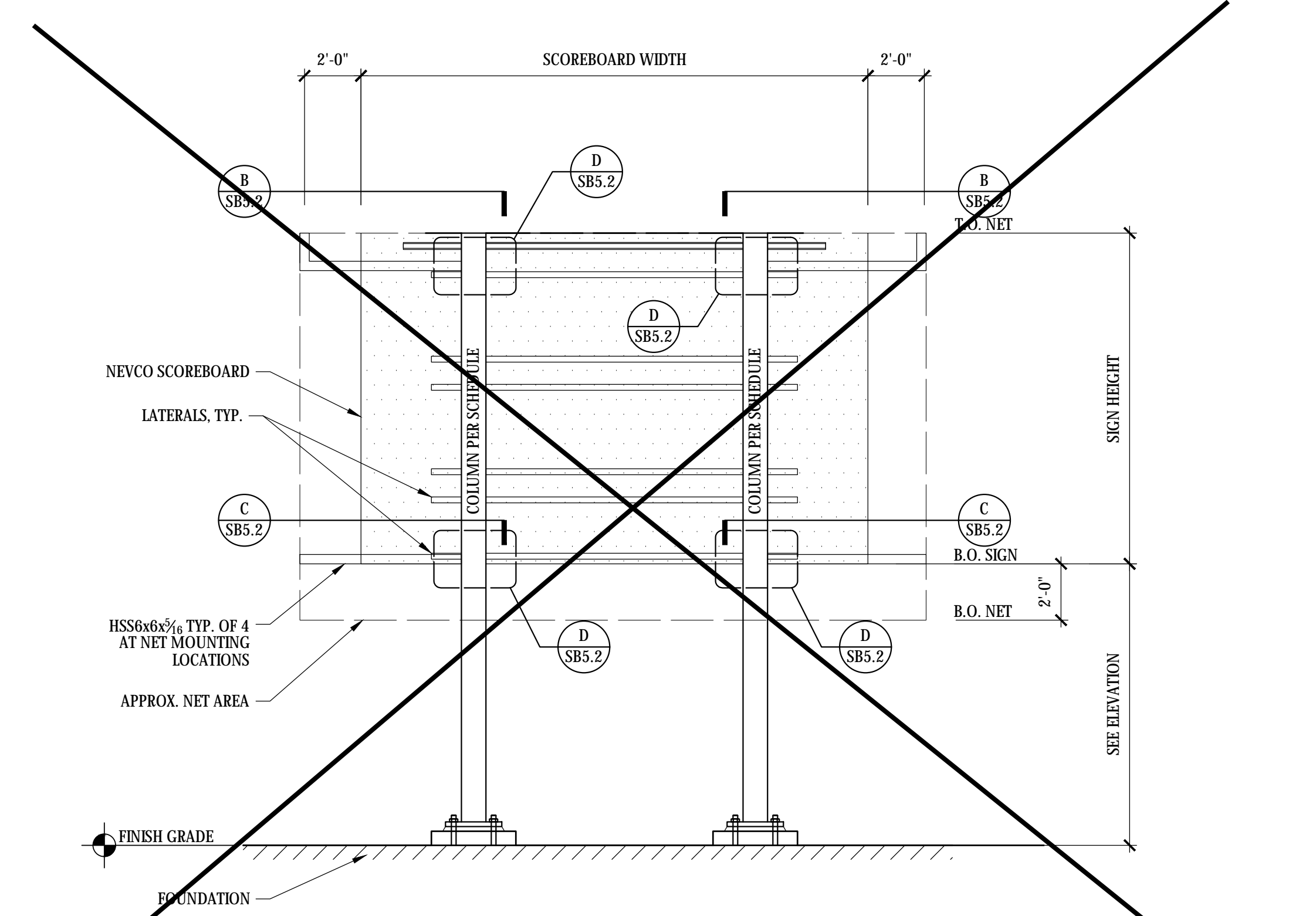
OPTION B: LATERAL WELDED/CLIP WELDED



BOTTOM NET MOUNT-PLAN

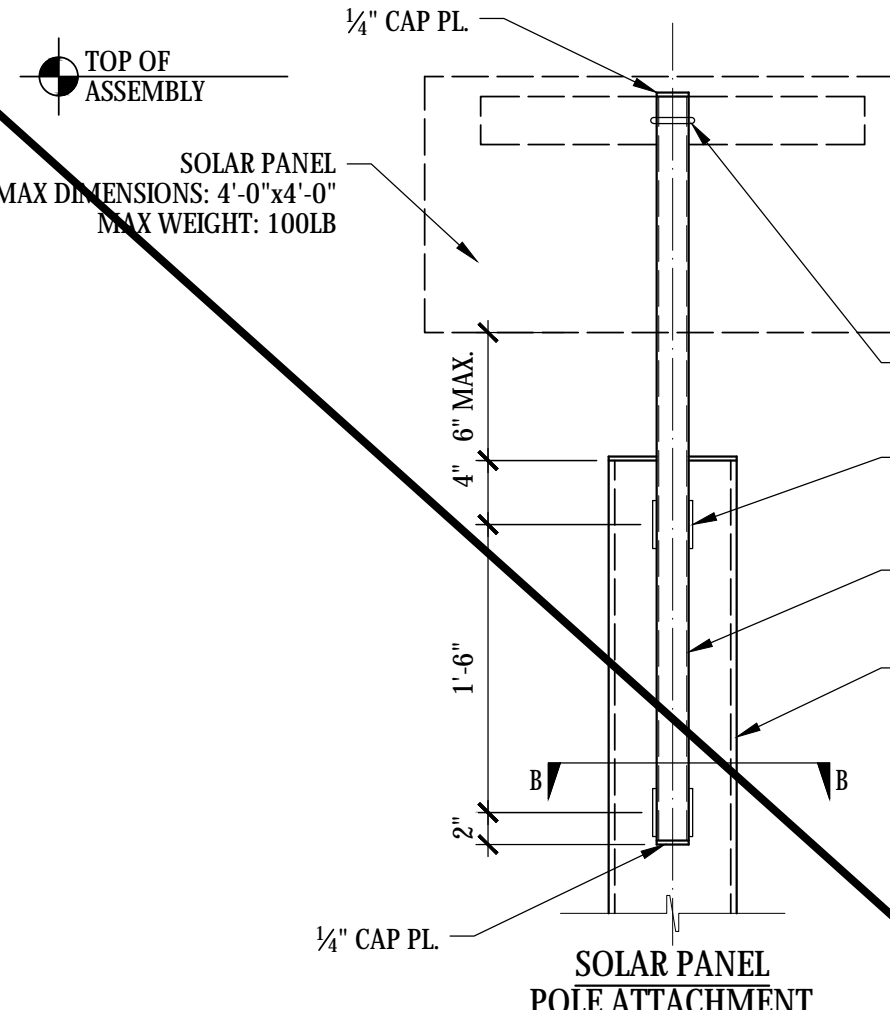


TOP NET MOUNT-PLAN

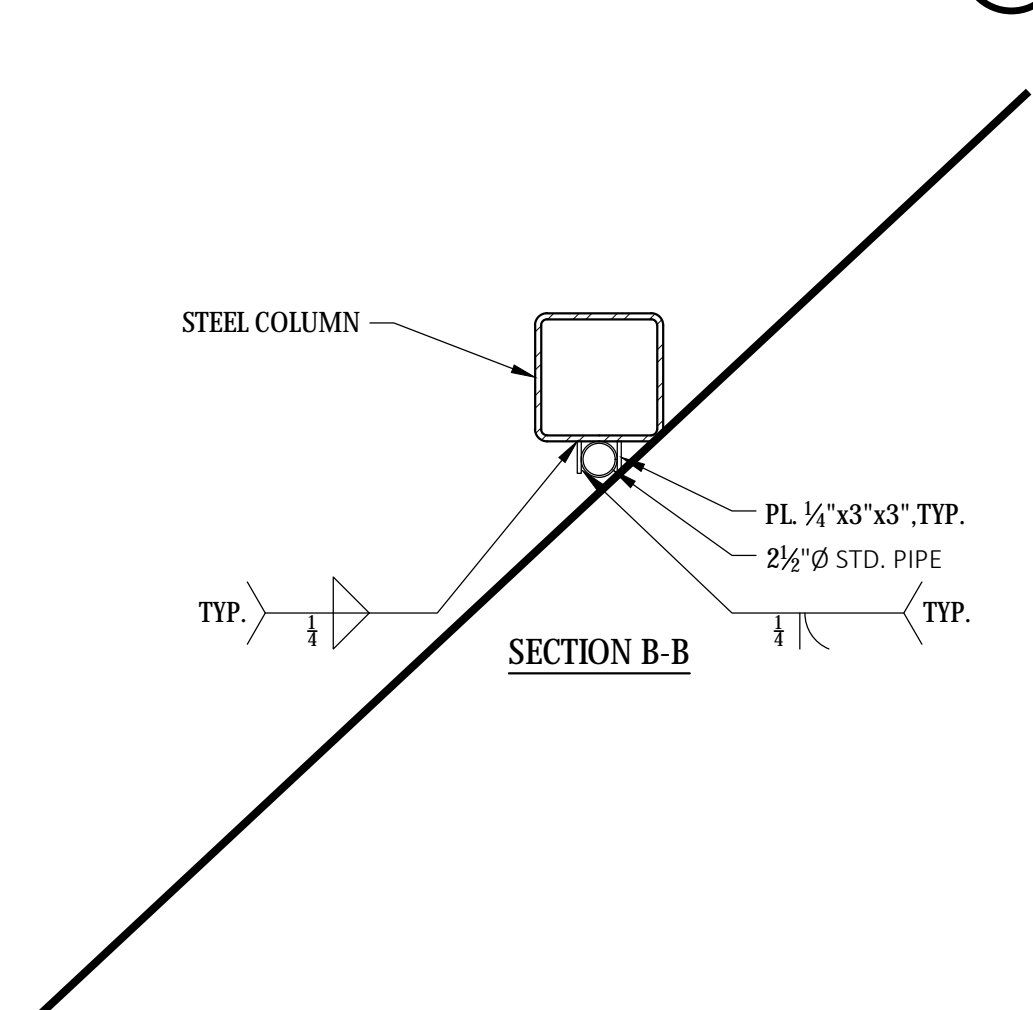


SCOREBOARD NETTING SUPPORTS

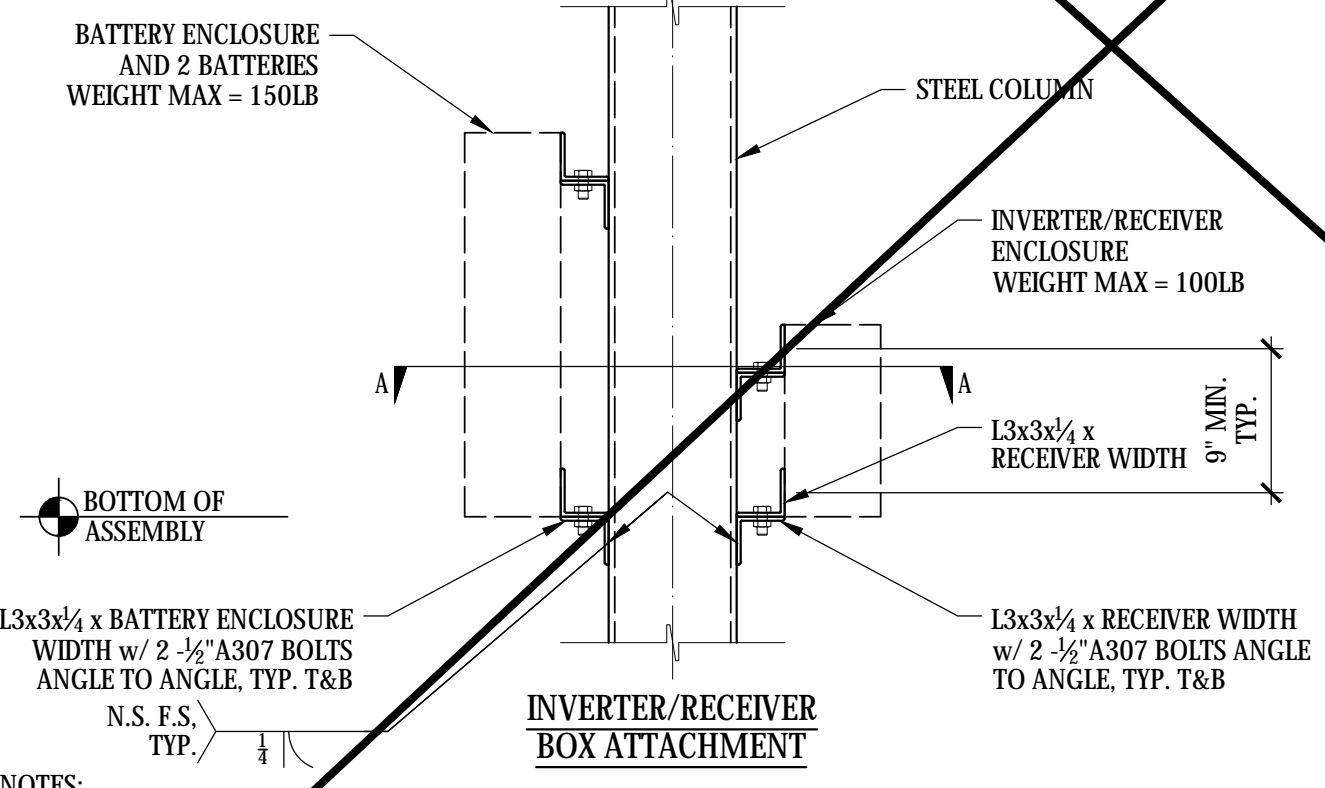
NOTES:
1. ELEVATION SHOWN WITH TWO COLUMNS FOR GRAPHICAL PURPOSES. NET SUPPORT DETAILS APPLICABLE TO TWO, THREE, AND FOUR COLUMN ASSEMBLIES



SOLAR PANEL POLE ATTACHMENT

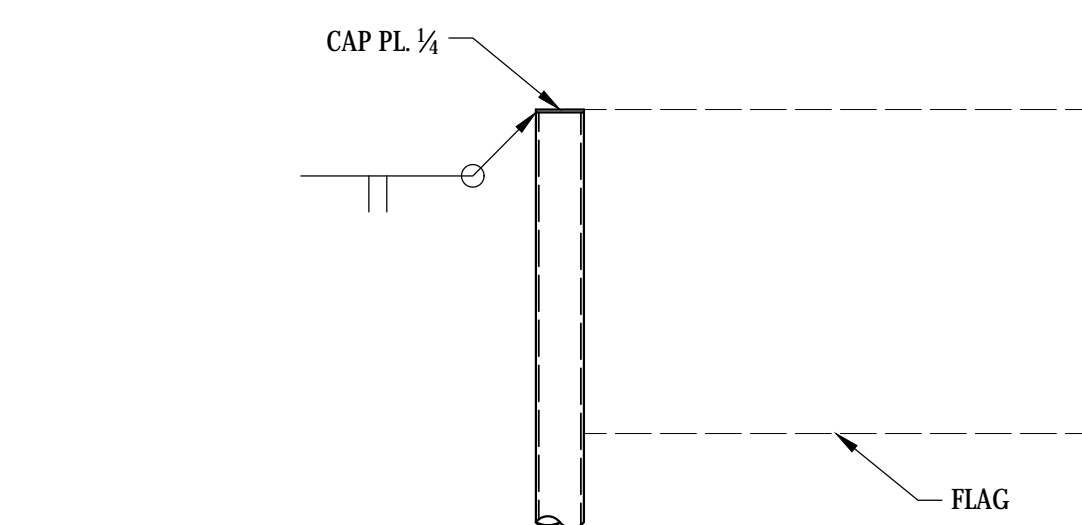


SECTION A-A

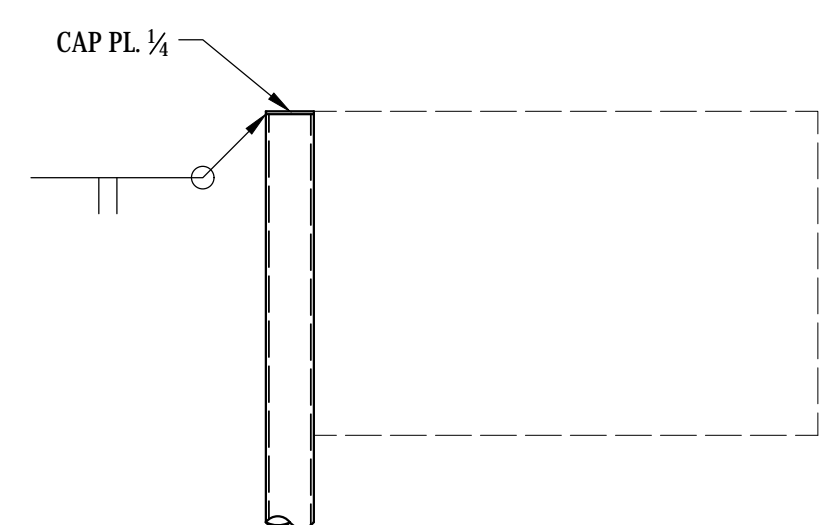


INVERTER/RECEIVER BOX ATTACHMENT

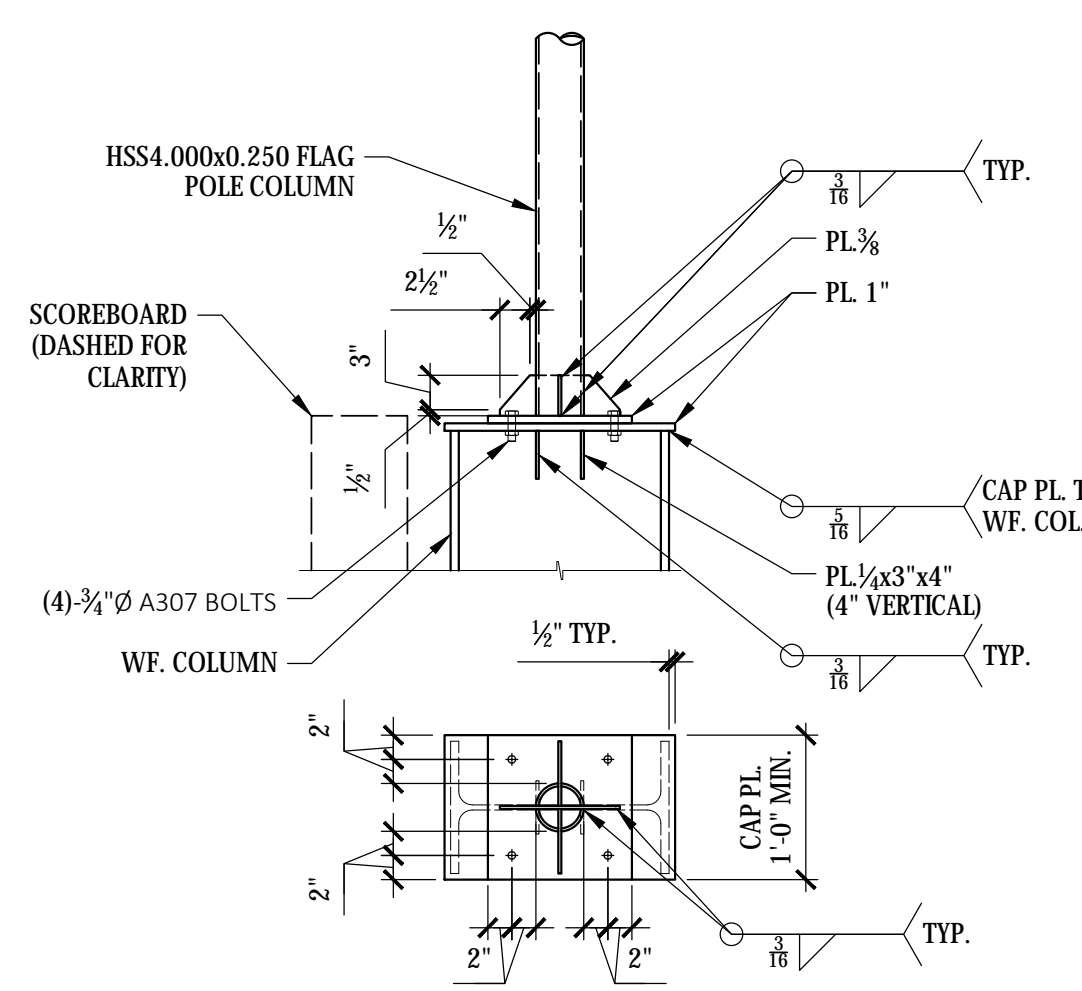
SOLAR PANEL/BATTERY/INVERTER/RECEIVER ATTACHMENT



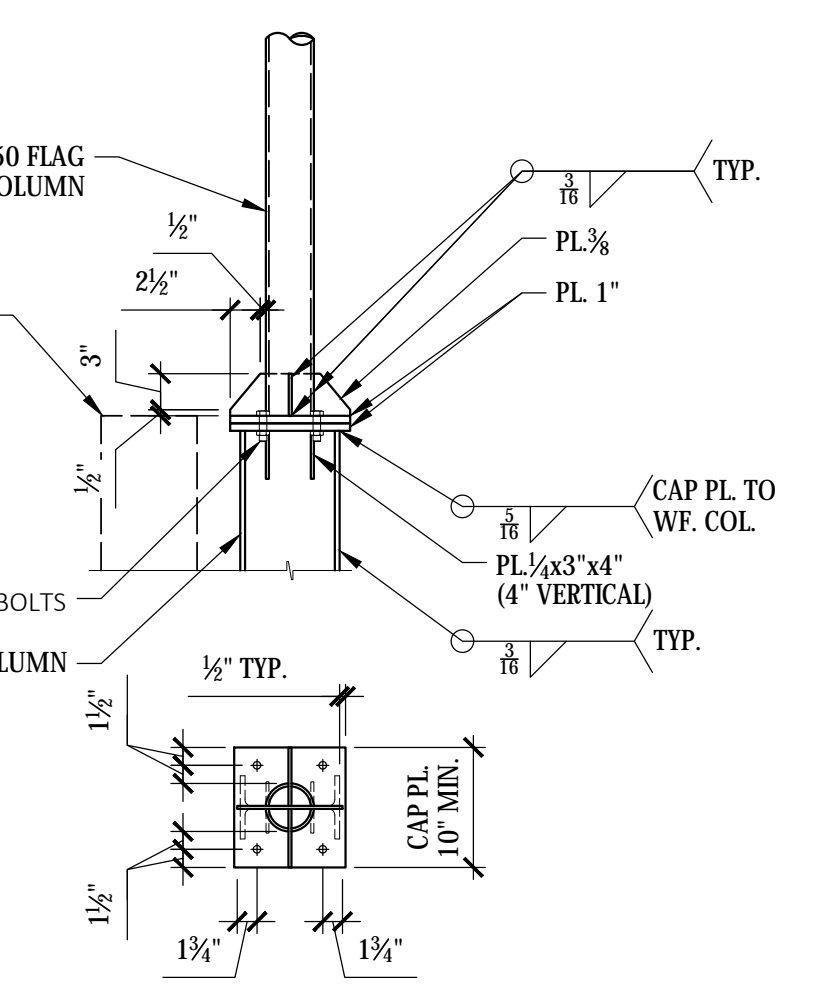
SECTION B-B



SECTION C-C

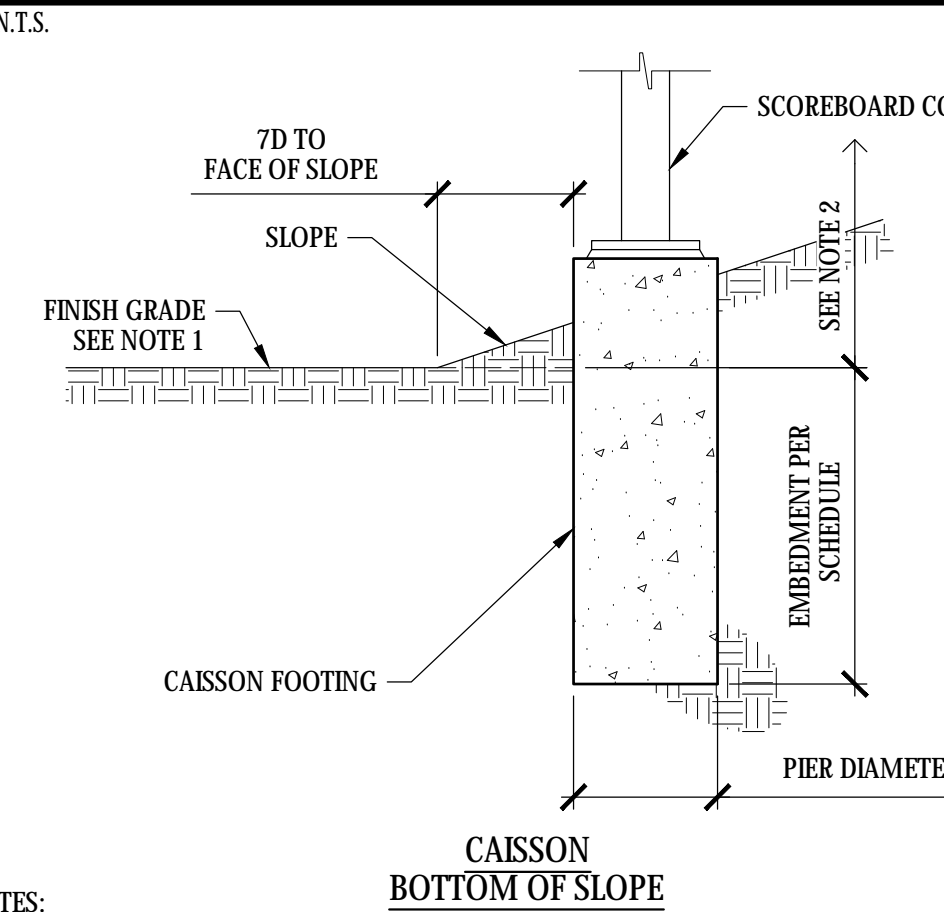


FLAG POLE COLUMN TO WF BEAM



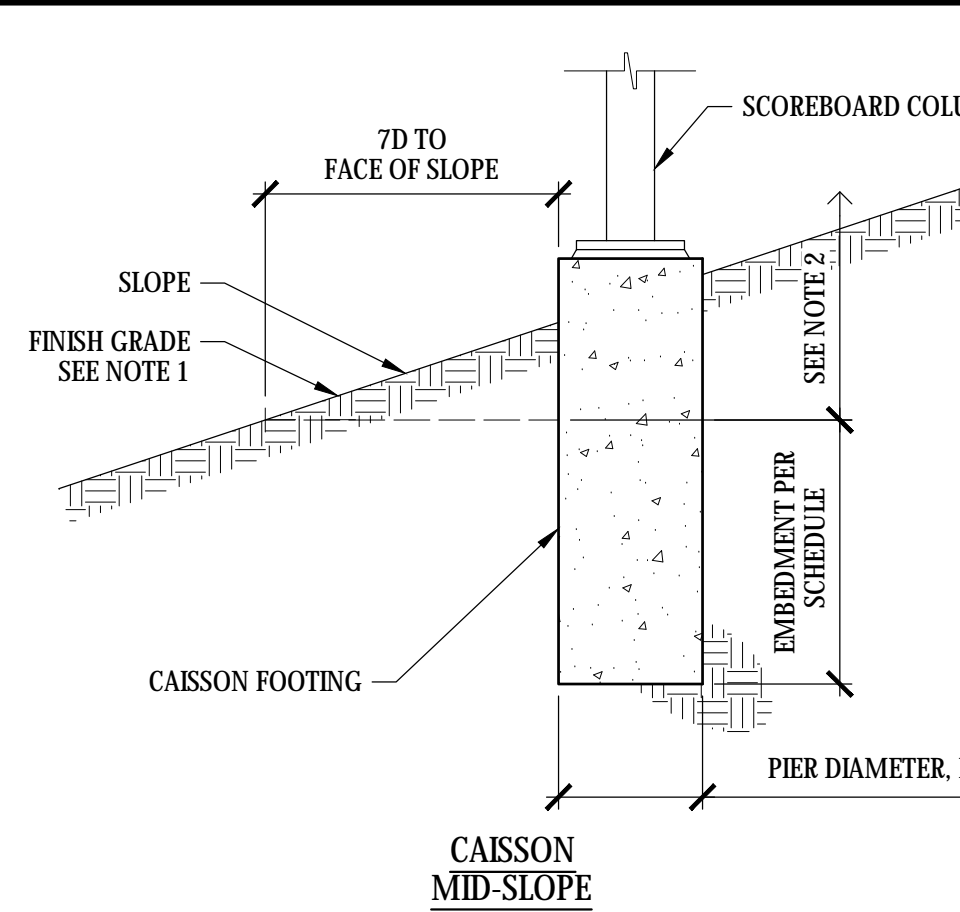
FLAG POLE COLUMN TO WF BEAM

LATERAL/BOARD ATTACHMENT



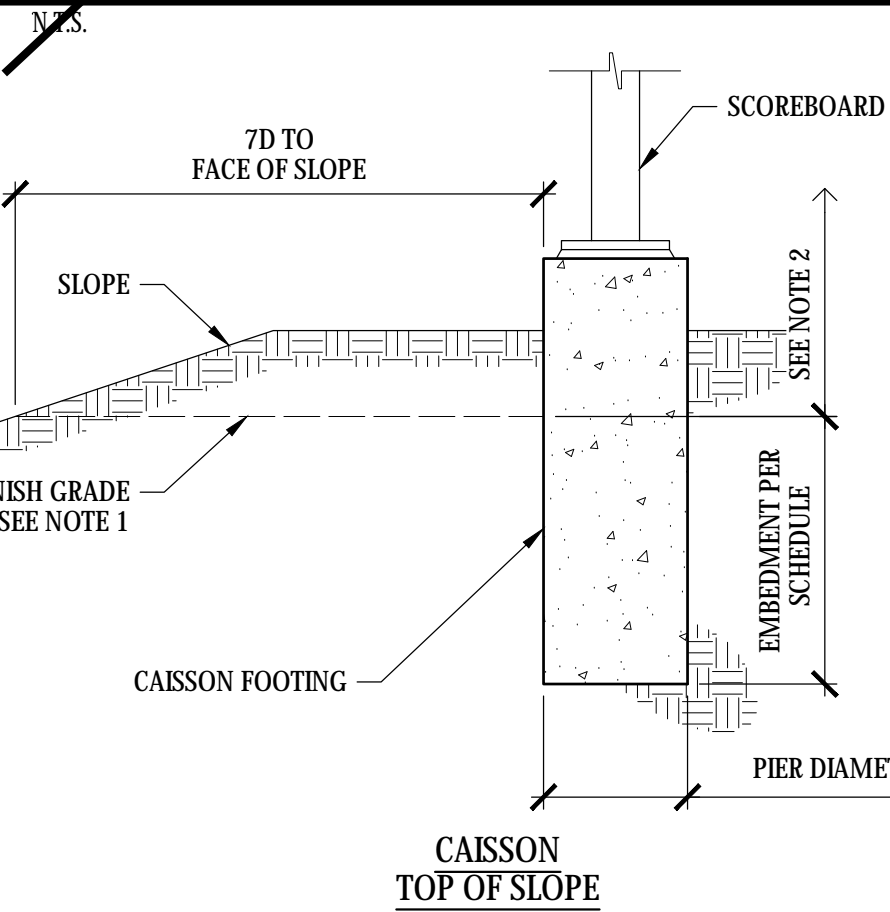
LATERAL/BOARD ATTACHMENT

LATERAL/BOARD ATTACHMENT



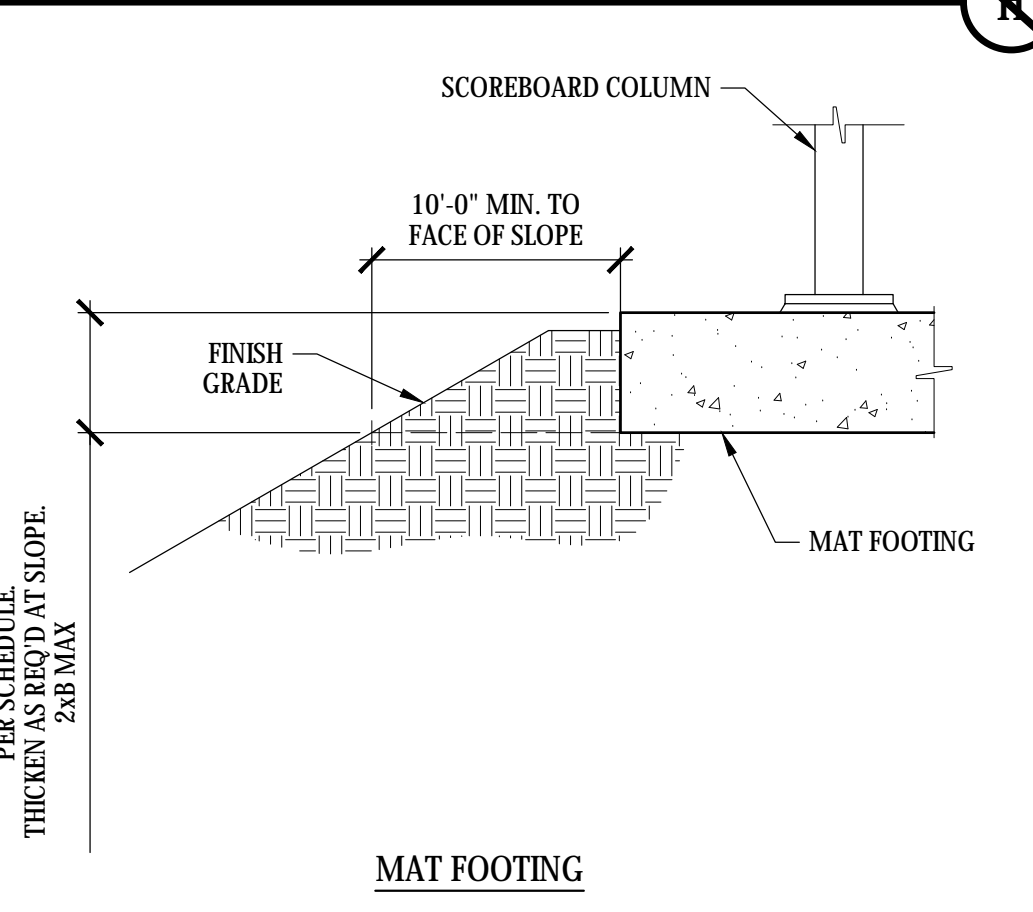
LATERAL/BOARD ATTACHMENT

LATERAL/BOARD ATTACHMENT



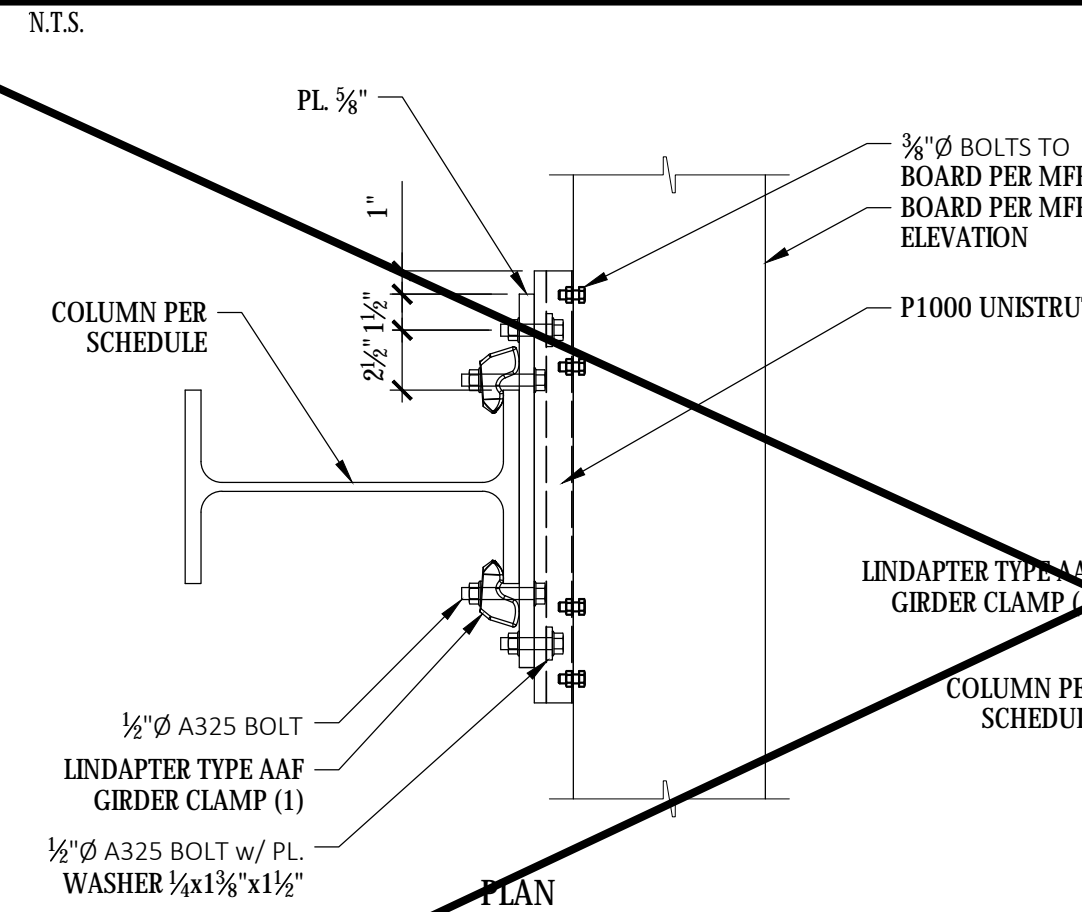
LATERAL/BOARD ATTACHMENT

LATERAL/BOARD ATTACHMENT



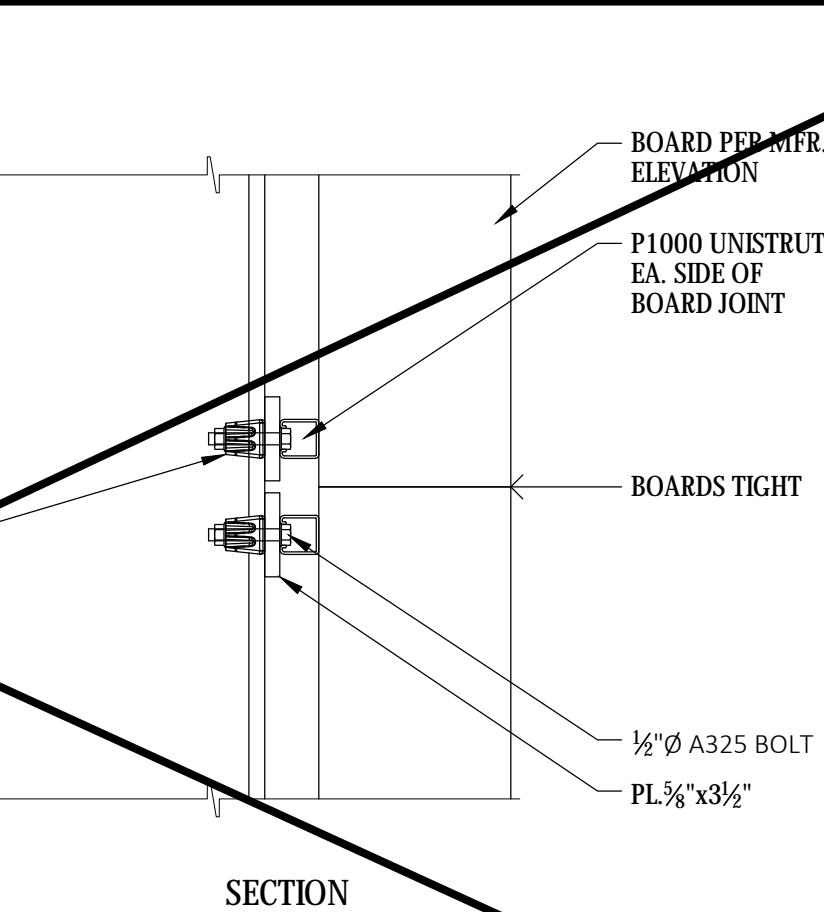
LATERAL/BOARD ATTACHMENT

LATERAL/BOARD ATTACHMENT



LATERAL/BOARD ATTACHMENT

LATERAL/BOARD ATTACHMENT



LATERAL/BOARD ATTACHMENT

DISTANCE TO SLOPE



DISTANCE TO SLOPE



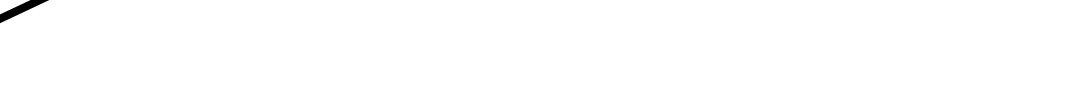
DISTANCE TO SLOPE



DISTANCE TO SLOPE



DISTANCE TO SLOPE



DISTANCE TO SLOPE



APPLICATION#
02-122411

IDENTIFICATION STAMP
APP. 02-122411 INC.
REVIEWED FOR
SS ☒ FLS ☐ ACS ☐
DATE: 06/25/2024

SSG
structural engineers

REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. PARVIZ
No. 5405
STATE OF CALIFORNIA
PC SEOR REAL 08.09.2023

THESE DRAWINGS, NOTES AND DETAILS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF SSG STRUCTURAL ENGINEERS, LLP. ALL DRAWINGS, INFORMATION, OPERATIONS, REAS, DESIGN AND MANAGERMENTS REPRESENTED WITHIN THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF THE ENGINEER. NO PART THEREOF SHALL BE COPIED, REPRODUCED, OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DELIVERED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2024. THANK YOU FOR YOUR INTEREST IN NEVCO SCOREBOARD PRODUCTS.

nevco
301 East Harris Avenue, Greenville, Illinois 62246
Phone: (618) 664-0960
www.nevco.com

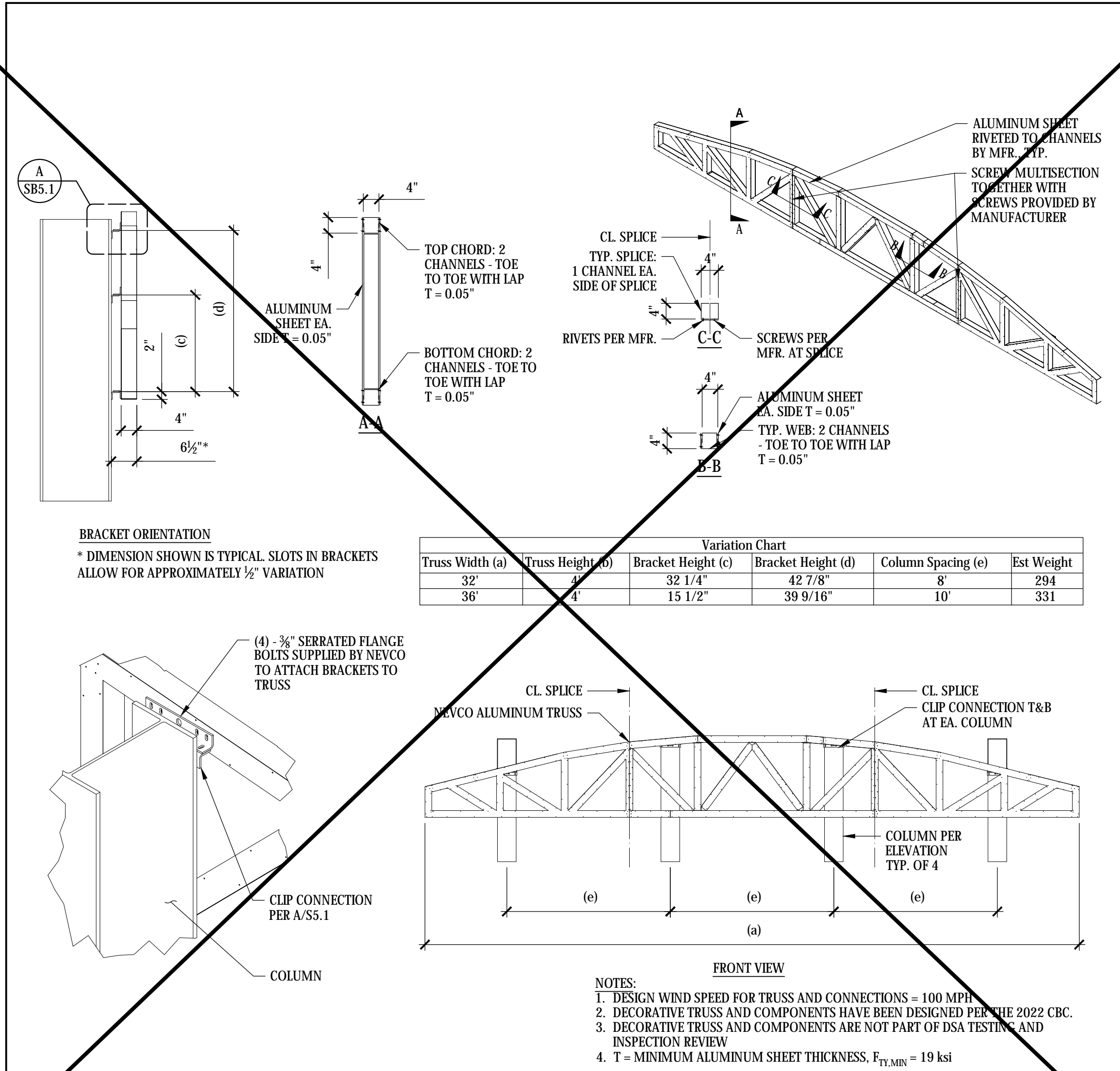
APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122377 PC
REVIEWED FOR
SS ☒ FLS ☐ ACS ☐ CG ☐
DATE: 09/20/2023

PRE-CHECK (PC) DOCUMENT
CODE: 2022
A separate project application
for construction is required.

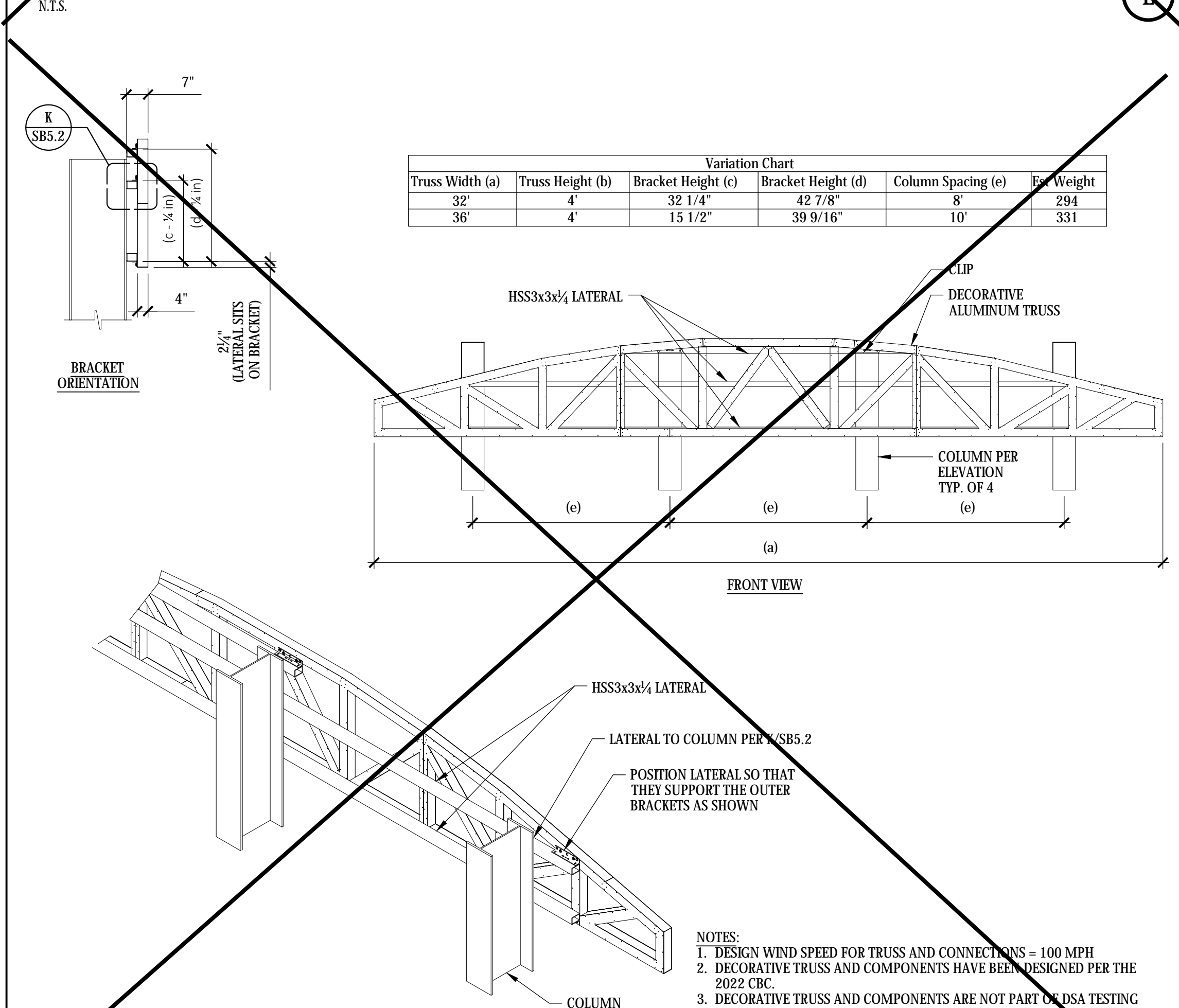
REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. PARVIZ
No. 5405
STATE OF CALIFORNIA

OPTIONAL SCOREBOARD
FEATURE ATTACHMENT
DETAILS

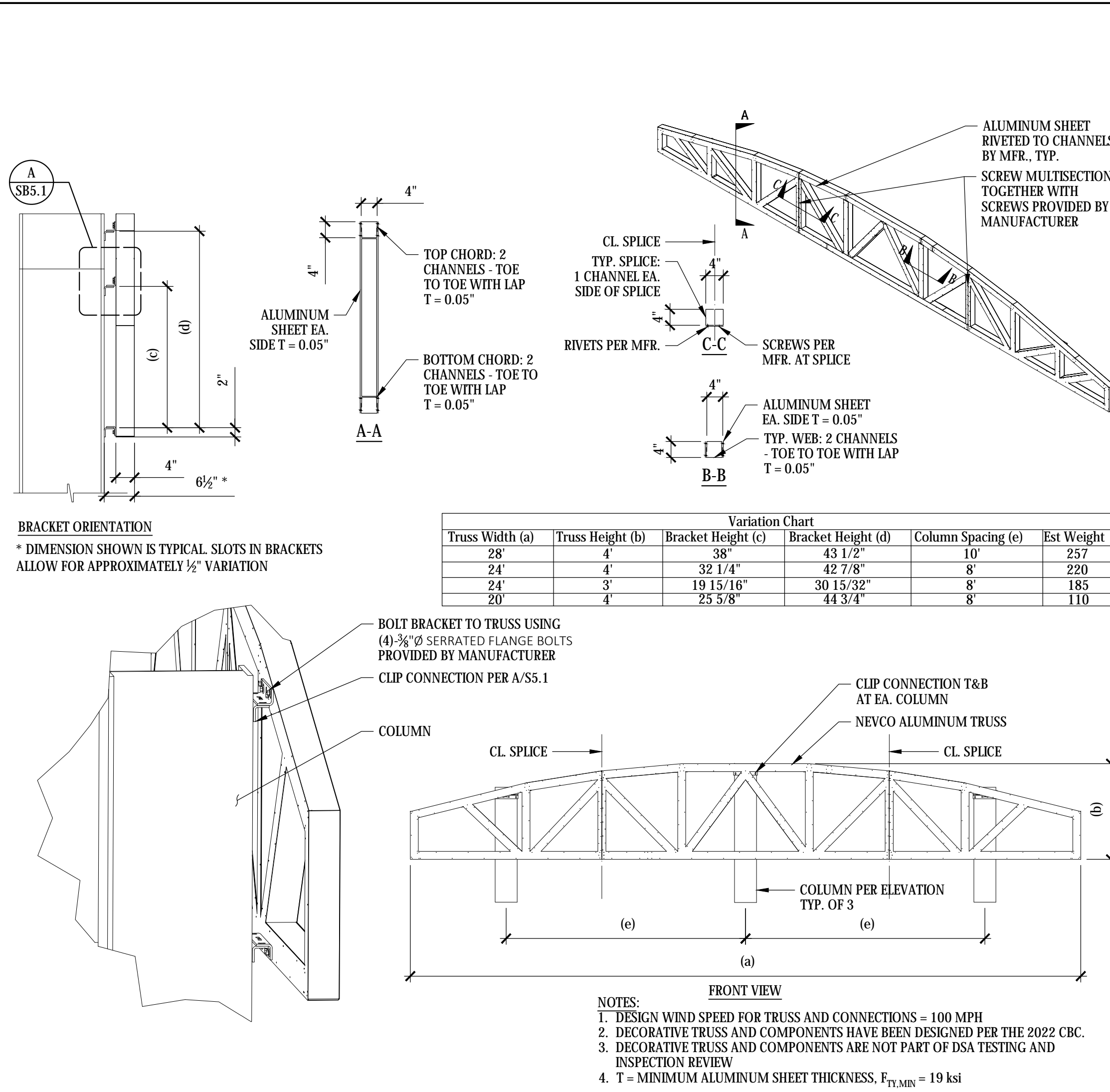
SHEET INFORMATION
DATE 08.09.2023
DRAWN JMK
CHECKED MEP
SSG JOB # S23109
SHEET SB5.2



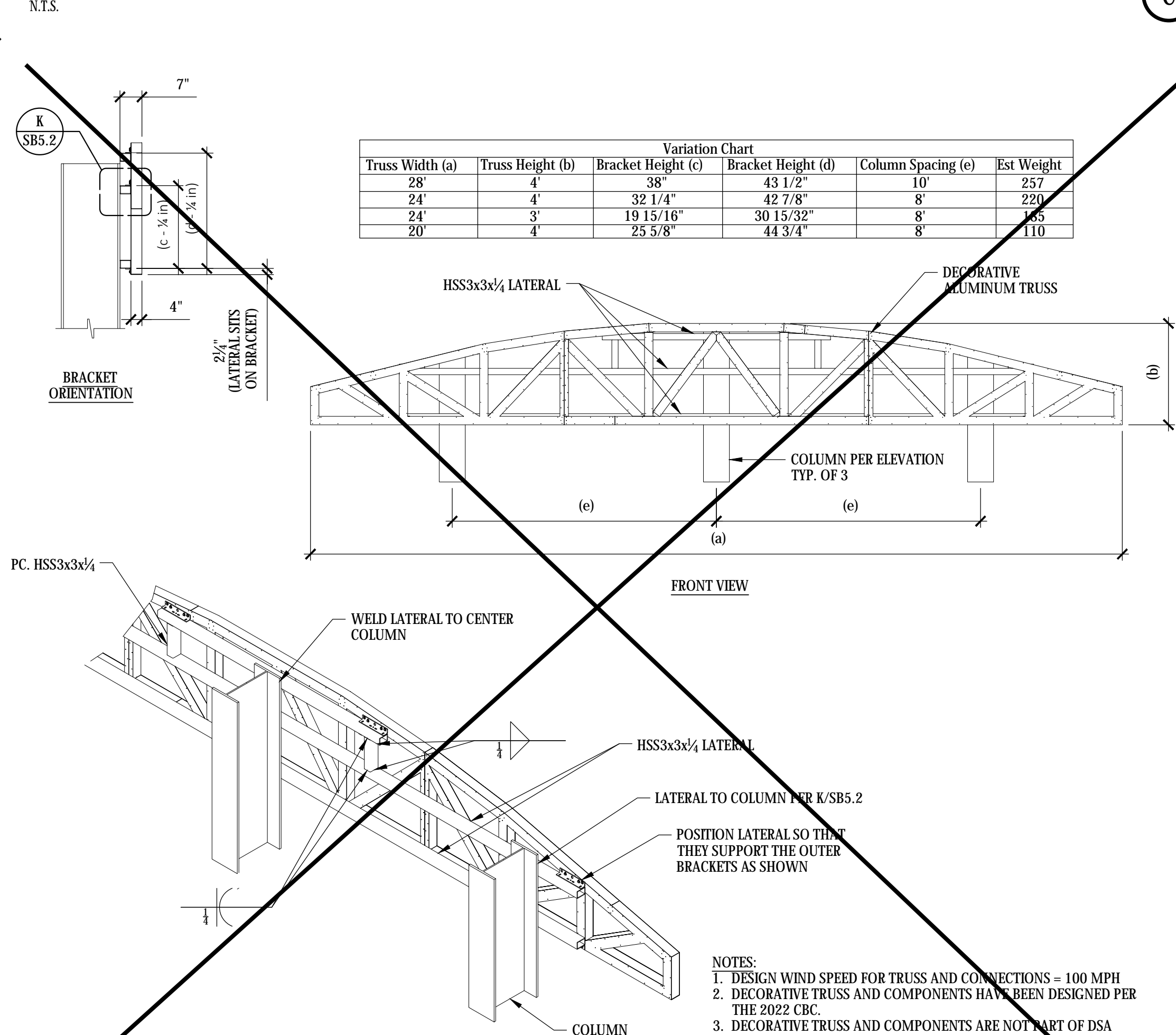
INSTALLATION OF ALUMINUM TRUSS ON FOUR COLUMNS



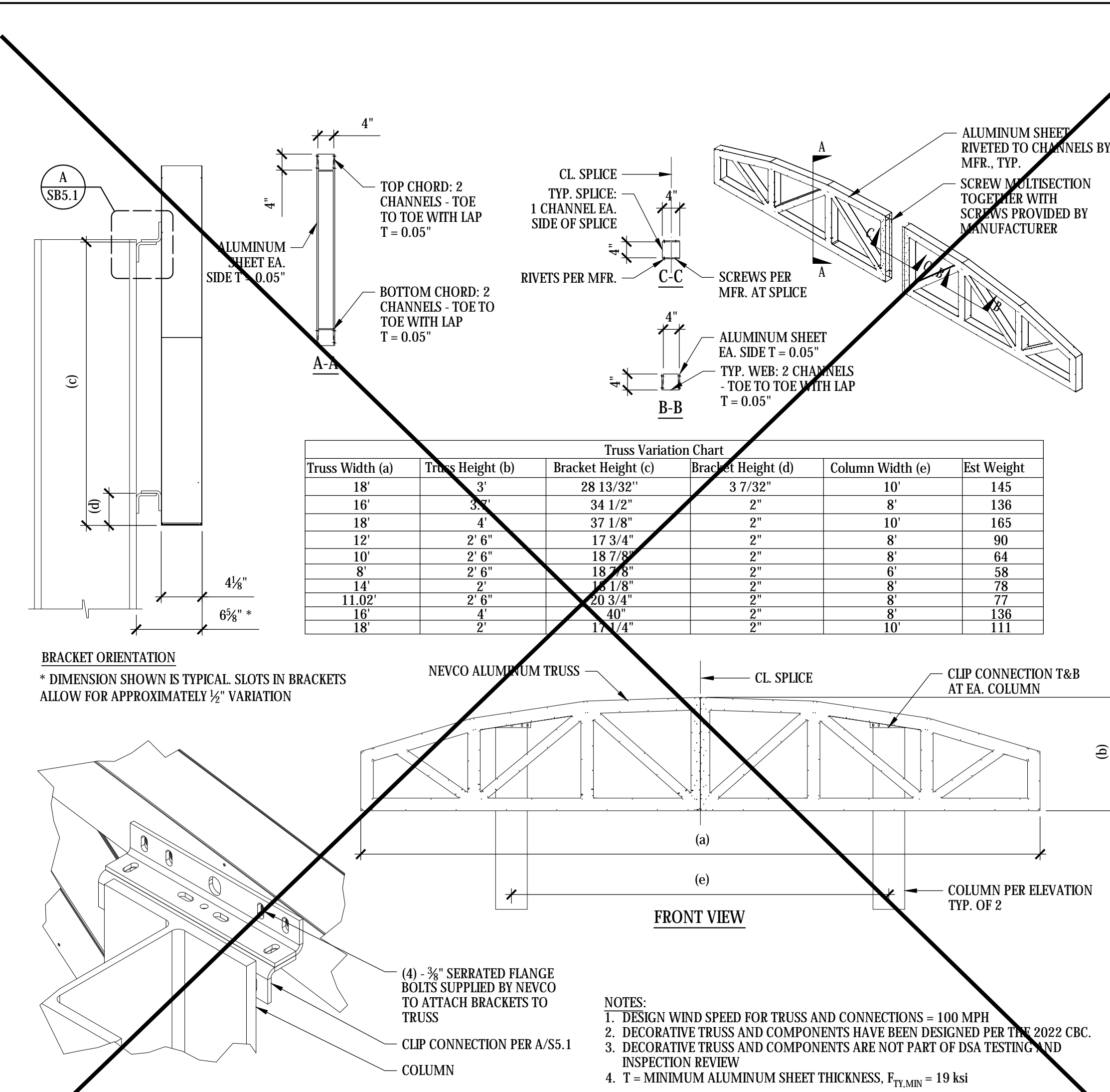
INSTALLATION OF ALUMINUM TRUSS ON FOUR COL. w/ LATERAL



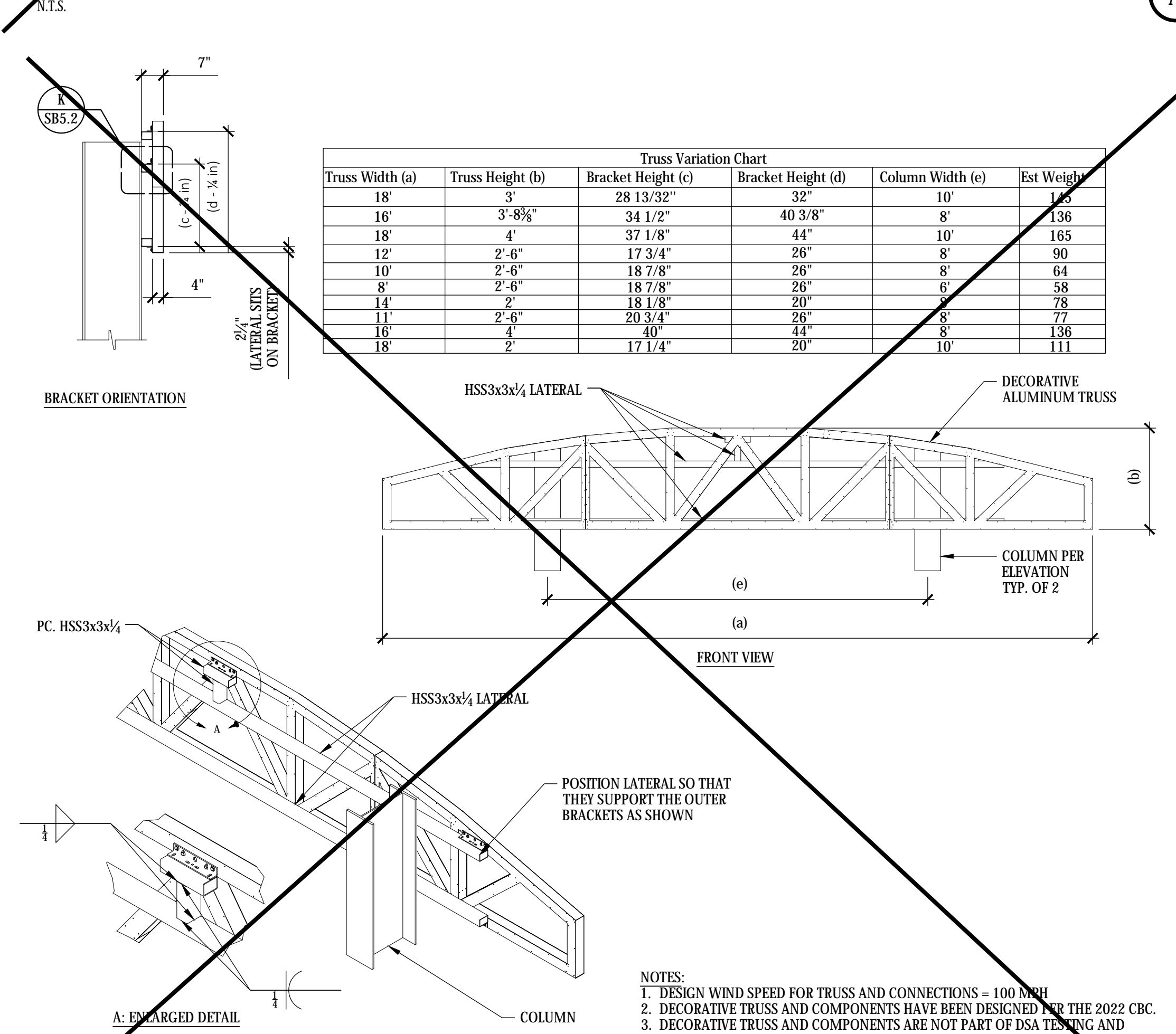
INSTALLATION OF ALUMINUM TRUSS ON THREE COLUMNS



INSTALLATION OF ALUMINUM TRUSS ON THREE COL. w/ LATERAL



INSTALLATION OF ALUMINUM TRUSS ON TWO COLUMNS



INSTALLATION OF ALUMINUM TRUSS ON TWO COL. w/ LATERAL

APPLICATION# 02-122411

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-122411 INC.
REVIEWED FOR
SS ☒ FLS ☐ ACS ☐
DATE: 06/25/2024

SSG structural engineers

REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. PARSONS
No. 5405
STATE OF CALIFORNIA
08.09.2023

PC SEOR SEAL

THESE DRAWINGS, NOTES AND DETAILS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF SSG STRUCTURAL ENGINEERS, LLP. ALL DRAWINGS, INFORMATION, SPECIFICATIONS, BASIS, DESIGN AND ARRANGEMENTS REPRESENTED HEREIN, THEIR DOCUMENTS SHALL REMAIN THE PROPERTY OF THE ENGINEER. NO PART THEREOF SHALL BE COPIED, REPRODUCED OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2023.

THANK YOU FOR YOUR INTEREST IN NEVCO SCREENBOARD PRODUCTS

nevco

301 East Harris Avenue, Greenville, Illinois 62246
Phone: (618) 664-0960
www.nevco.com

APPROVED
DIV. OF THE STATE ARCHITECT
APP. 04-122377 PC
REVIEWED FOR
SS ☒ FLS ☐ ACS ☐ CG ☐
DATE: 09/20/2023

PRE-CHECK (PC) DOCUMENT
CODE: 2022

A separate project application for construction is required.

REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. PARSONS
No. 52386
STATE OF CALIFORNIA
08.09.2023

DECORATIVE ALUMINUM TRUSS ATTACHMENT DETAILS

SHEET INFORMATION

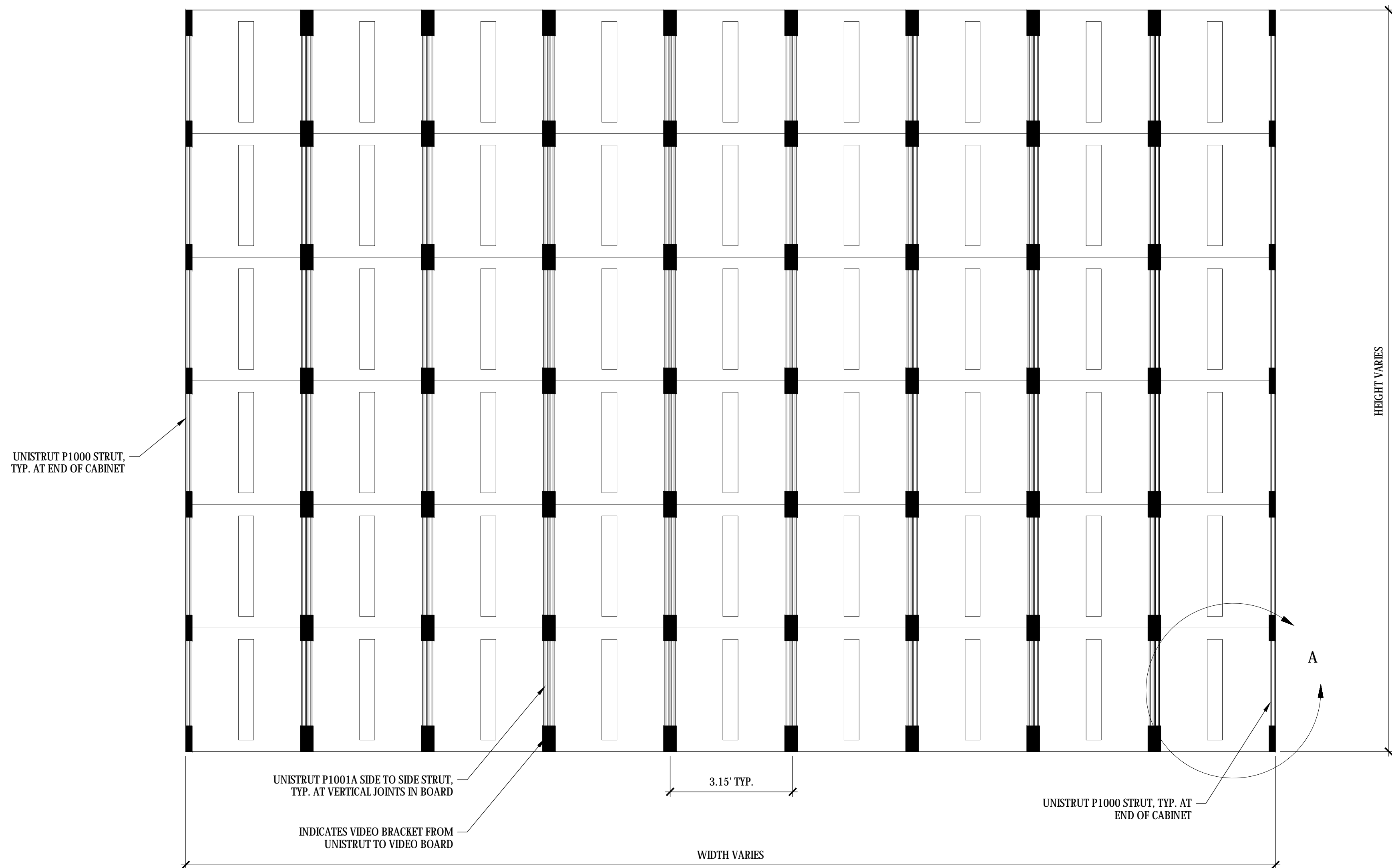
DATE 08.09.2023

DRAWN JMK

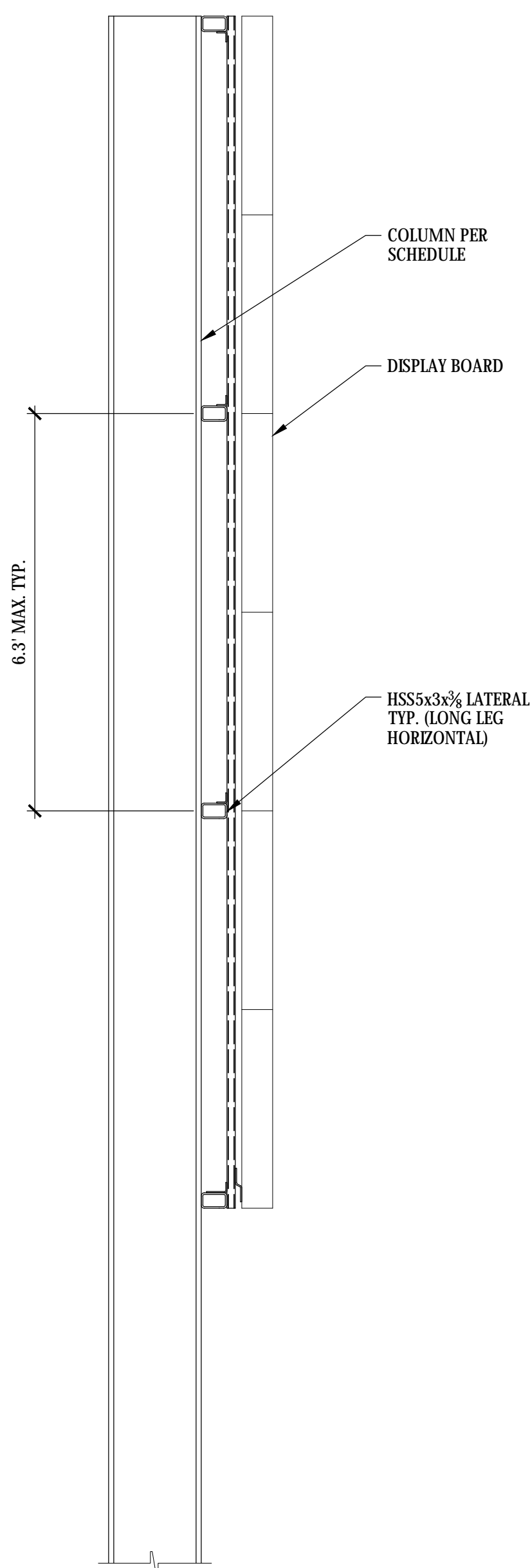
CHECKED MEP

SSG JOB # S23109

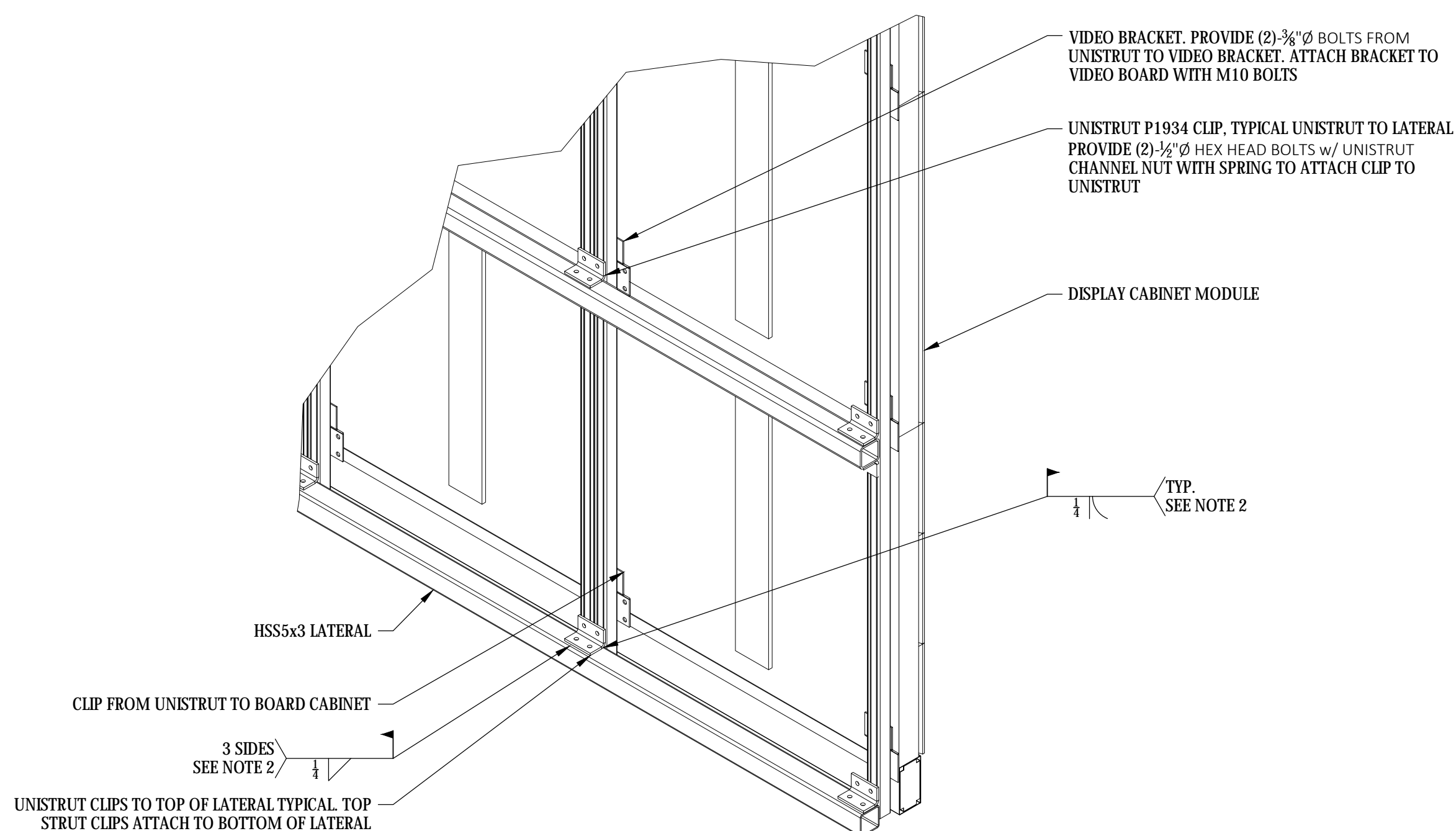
SHEET SB5.3



ELEVATION



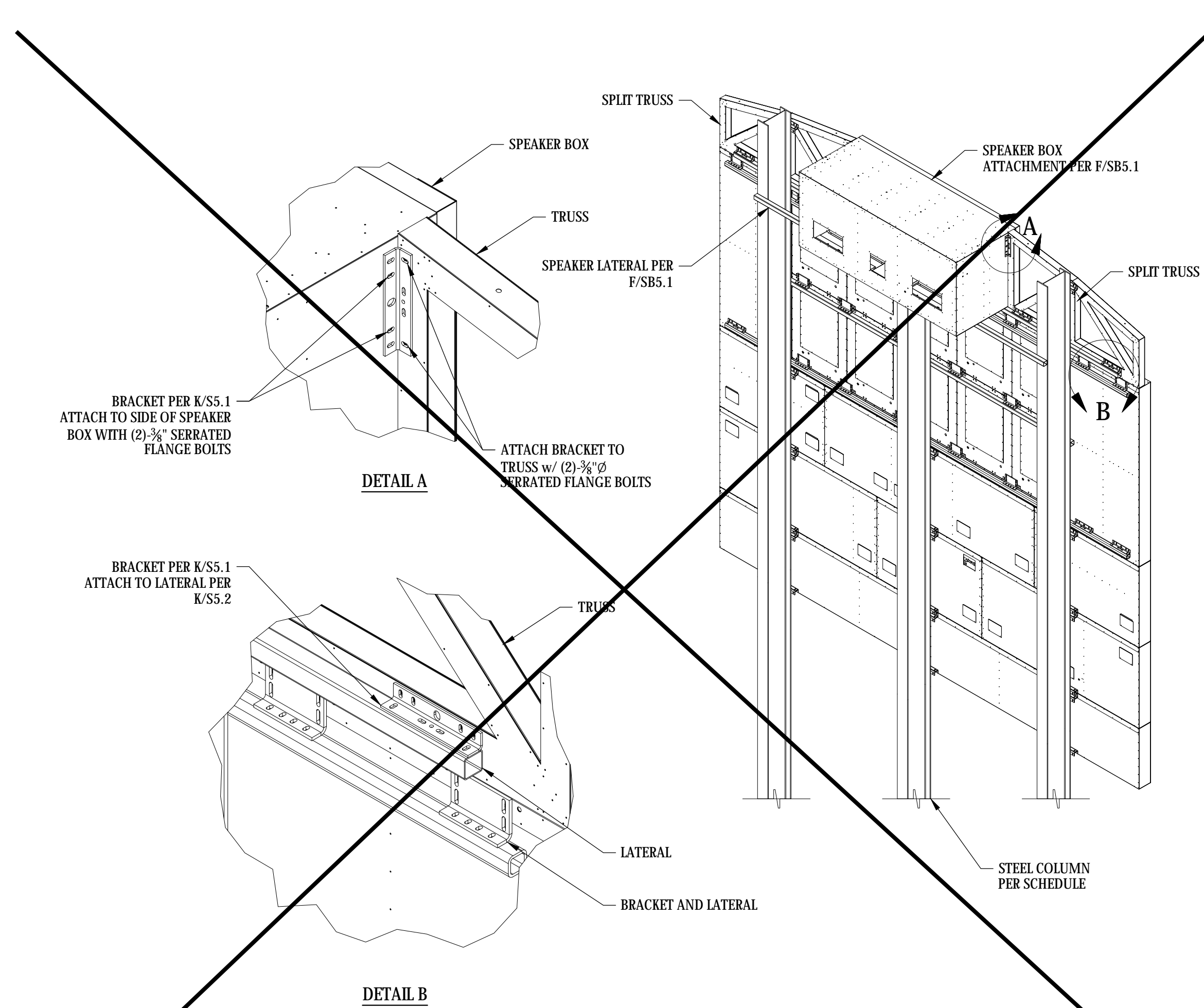
SECTION



- NOTES: (#)
1. DESIGN OF SUPPORTS AND CONNECTIONS IS BASED ON A VIDEO DISPLAY WITH A WEIGHT OF 8 LB/SQ. FT. TO DETERMINE TOTAL VIDEO DISPLAY WEIGHT CONTACT NEVCO SCOREBOARDS
2. ALTERNATE OPTION TO BOLT CLIP TO LATERAL WITH 1/2" DIAMETER THROUGH BOLTS IN LIEU OF WELD

10mm VIDEO DISPLAY SUPPORT

N.T.S.



- NOTES:
1. DETAILS APPLICABLE TO 3 COLUMN AND 4 COLUMN ASSEMBLIES

SPLIT DECORATIVE TRUSS FLANKING SPEAKER BOX

N.T.S.

APPLICATION# 02-122411

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122411 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 06/25/2024

SSG
structural engineers

REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. FARNBY
No. 5485
STRUCTURAL
STATE OF CALIFORNIA
DATE SIGNED: 08.09.2023
PC SEOR REAL

THESE DRAWINGS, NOTES AND DETAILS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF SSG STRUCTURAL ENGINEERS, LLP. ALL DRAWINGS, INFORMATION, SPECIFICATIONS, RISKS, JOCKING AND ARRANGEMENTS REPRESENTED WITHIN THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF THE ENGINEER. NO PART THEREOF SHALL BE COPIED, REPRODUCED, OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER, COPYRIGHT 2024. THANK YOU FOR YOUR INTEREST IN NEVCO SCOREBOARD PRODUCTS.

nevco

301 East Harris Avenue, Greenville, Illinois 62246
Phone: (618) 664-0960
www.nevco.com

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122377 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☒
DATE: 09/20/2023

PRE-CHECK (PC) DOCUMENT
CODE: 2022

A separate project application for construction is required.

REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. FARNBY
No. 52386
STRUCTURAL
STATE OF CALIFORNIA
DATE SIGNED: 08.09.2023

ALUMINUM TRUSS ATTACHMENT DETAILS & 10mm VIDEO DISPLAY SUPPORT

DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSG JOB #	S23109
SHEET	SB5.4

KEY NOTES

1. NOT USED.

2. EXISTING PANEL 'TA' TO REMAIN. 200A, 120/208V, 3Ø, 4W, 10KAIC, NEMA 3R.

3. EXISTING PULL BOX TO REMAIN. VERIFY LOCATION IN FIELD.

4. EXISTING SCOREBOARD PANEL FEEDER TO REMAIN. 1-1/2"Ø, 3Ø4, 1#ØG. EXTEND FEEDER IF REQUIRED. PROVIDE SUBMERSIBLE SPLICES.

5. NOT USED.

6. DEMO EXISTING PANEL 'TAFB' FROM STEEL SCOREBOARD SUPPORT COLUMN. DISCONNECT EXISTING FEEDER AND PULL BACK TO LAST PULL BOX AND PRESERVE FOR RECONNECTION TO NEW PANEL.

7. PROVIDE AND INSTALL NEW LOAD CENTER 'TAFB'. 70A, 4 CKT, 120/208V, 1Ø, 10KAIC, NEMA 3R. SQ.D #QO24L70RB (OR APPROVED EQUAL) PROVIDE (2) 20A/1P CIRCUIT BREAKERS. RECONNECT EXISTING CONDUCTORS. SEE DETAIL 1/E-1, 2/E-1, 3/E-1, 4/E-1, 5/E-1.

8. DISCONNECT EXISTING SCOREBOARD POWER AND DATA/CONTROL. REMOVE EXISTING CONDUCTORS AND EXPOSED CONDUIT BACK TO LAST PULL BOX.
9. POWER CONNECTION BY SCOREBOARD SUPPLIER. NEVCO MODEL #3617, 120V, 6.2A. 3/4"Ø, 2#12, 1#12Ø. SEE DETAIL 4/E-1.

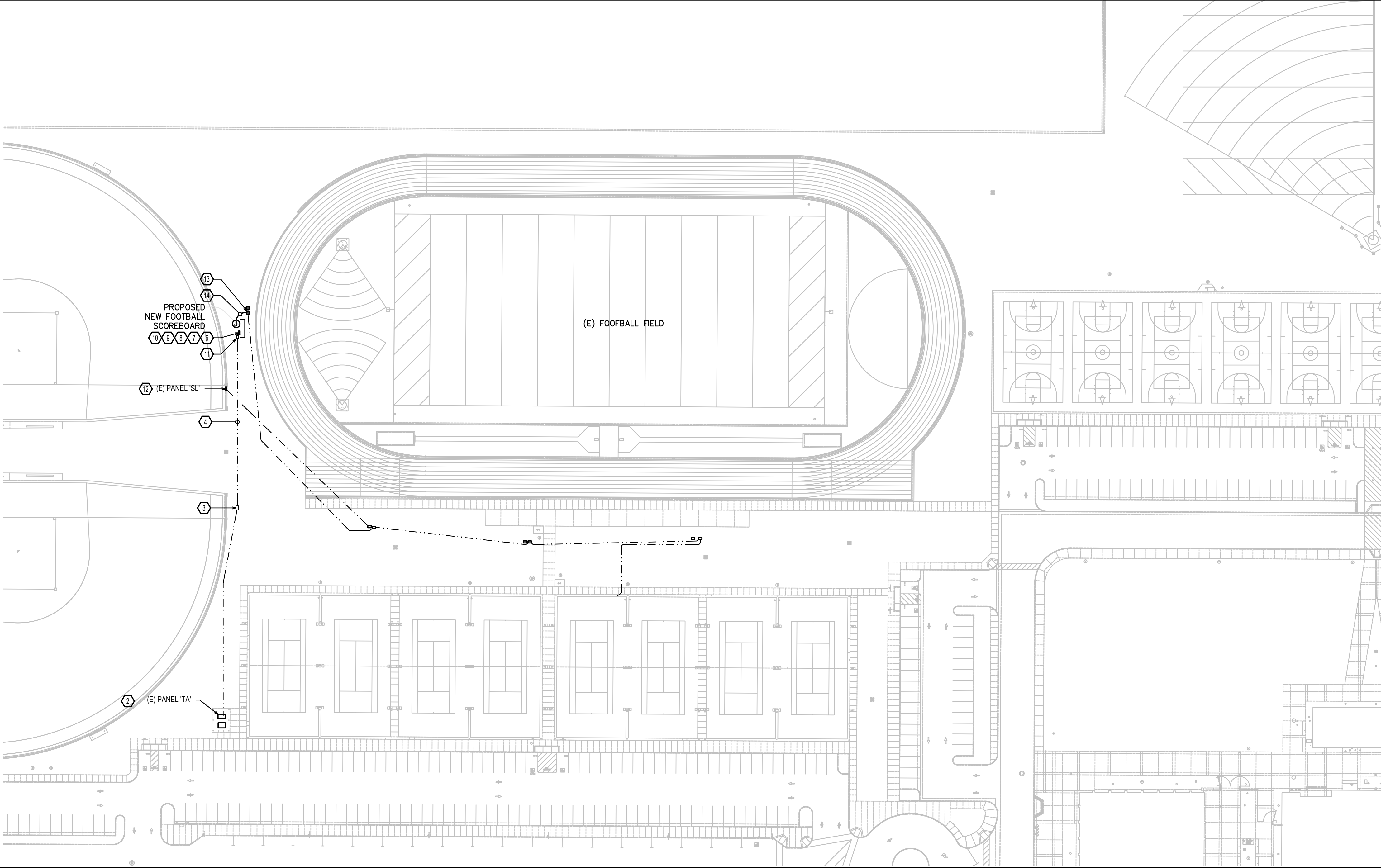
10. PROVIDE RECEPTACLE +42", 20A, 120V, GFCI-PROTECTED. WEATHER-RESISTANT RECEPTACLE WITH WEATHERPROOF WHILE-IN-USE COVER. 3/4"Ø, 2#12, 1#12Ø. SEE SINGLE LINE DIAGRAM 1/E-1.

11. INTERCEPT EXISTING SCOREBOARD PANEL FEEDER AND CONDUIT ±6" FROM SCOREBOARD AND PROVIDE NEW 10X17, H20-RATED PULLBOX WITH 12" EXTENSION AND COVER. PROVIDE 1-1/2" TO SCOREBOARD PANEL 'TAFB'. SEE DETAILS 5/E-1 AND 6/E-1.

12. EXISTING INFRASTRUCTURE SHOWN FOR REFERENCE ONLY.

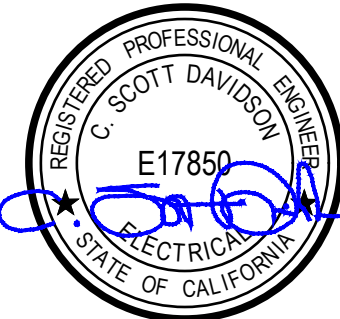
13. EXISTING LOW VOLTAGE PULL BOX

14. PROVIDE 2"Ø FROM NEW SCOREBOARD TO EXISTING L.V. PULL BOX FOR SCOREBOARD CONTROL. WIRING BY SCOREBOARD SUPPLIER.



1 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1"= 50'-0"



Hardin-Davidson
Engineering
356 Pollasky Ave.
Suite 200
Clovis, CA 93612
559.323.4995 tel
559.323.4928 fax

APPROVALS

APPLICATION # 02-121895

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-122411 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☐
DATE: 06/25/2024

DATE: 10/17/2023

MADERA SOUTH HIGH SCHOOL
FOOTBALL SCOREBOARD
MADERA, CA 93637

REVISIONS

 **Brooks Ransom**
ASSOCIATES

7415 N. PALM AVE. STE 100 | FRESNO, CA 93711
(559) 449-8444 OFFICE | (559) 449-8404 FAX

SHEET: E-2
PROJECT: 23314